

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002246.D
 Acq On : 08 Apr 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:31:47 AM

Quant Time: Apr 08 15:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	157122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	280390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	33748	19.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.62%	
35) Dibromofluoromethane	7.74	113	32778	19.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.30%	
50) Toluene-d8	10.19	98	138048	19.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.54%	
62) 4-Bromofluorobenzene	12.49	95	45510	19.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31145	19.613	ug/l	93
3) Chloromethane	2.12	50	41783	20.907	ug/l	99
4) Vinyl Chloride	2.26	62	43190	20.303	ug/l	97
5) Bromomethane	2.65	94	26209	19.952	ug/l	94
6) Chloroethane	2.80	64	25840	21.063	ug/l	99
7) Trichlorofluoromethane	3.14	101	54505	19.840	ug/l	94
8) Diethyl Ether	3.55	74	23986	20.538	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38162	20.450	ug/l	98
10) Methyl Iodide	4.11	142	44638	20.579	ug/l	99
11) Tert butyl alcohol	4.99	59	24022	104.500	ug/l	100
12) 1,1-Dichloroethene	3.90	96	38415	20.248	ug/l	95
13) Acrolein	3.75	56	22401	99.430	ug/l	99
14) Allyl chloride	4.50	41	62641	20.446	ug/l	100
15) Acrylonitrile	5.20	53	62658	104.914	ug/l	100
16) Acetone	3.97	43	46667	101.404	ug/l	94
17) Carbon Disulfide	4.21	76	126583	20.090	ug/l	99
18) Methyl Acetate	4.50	43	29858	20.917	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	102413	20.533	ug/l	100
20) Methylene Chloride	4.75	84	45145	19.958	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	43432	20.395	ug/l	97
22) Diisopropyl ether	6.14	45	131262	21.290	ug/l	97
23) Vinyl Acetate	6.09	43	415399	105.726	ug/l	99
24) 1,1-Dichloroethane	6.05	63	72270	20.608	ug/l	99
25) 2-Butanone	7.01	43	75362	103.476	ug/l	99
26) 2,2-Dichloropropane	7.01	77	58385	19.903	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	47956	20.659	ug/l	100
28) Bromochloromethane	7.36	49	31048	20.509	ug/l	99
29) Tetrahydrofuran	7.37	42	50422	104.734	ug/l	99
30) Chloroform	7.53	83	68211	20.634	ug/l	97
31) Cyclohexane	7.80	56	74318	20.189	ug/l	# 96
32) 1,1,1-Trichloroethane	7.72	97	56465	20.522	ug/l	99
36) 1,1-Dichloropropene	7.94	75	58967	21.351	ug/l	99
37) Ethyl Acetate	7.10	43	34080	21.600	ug/l	99
38) Carbon Tetrachloride	7.92	117	49183	20.819	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002246.D
 Acq On : 08 Apr 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:31:47 AM

Quant Time: Apr 08 15:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	76671	20.408	ug/l	94
40) Benzene	8.18	78	174702	20.849	ug/l	99
41) Methacrylonitrile	7.34	41	17851m	17.126	ug/l	
42) 1,2-Dichloroethane	8.25	62	44176	21.283	ug/l	100
43) Isopropyl Acetate	8.29	43	60396	20.989	ug/l	100
44) Trichloroethene	8.96	130	51802	21.027	ug/l	97
45) 1,2-Dichloropropane	9.23	63	44061	21.193	ug/l	96
46) Dibromomethane	9.32	93	22626	20.814	ug/l	98
47) Bromodichloromethane	9.51	83	52210	20.932	ug/l	98
48) Methyl methacrylate	9.30	41	26455	20.504	ug/l	97
49) 1,4-Dioxane	9.32	88	6605	429.540	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	160645	107.139	ug/l	99
52) Toluene	10.25	92	105758	20.943	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	57669	21.220	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	68743	21.040	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	33367	20.966	ug/l	96
56) Ethyl methacrylate	10.52	69	48056	21.156	ug/l	98
57) 1,3-Dichloropropane	10.80	76	58545	20.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	123987	105.407	ug/l	99
59) 2-Hexanone	10.84	43	110774	106.449	ug/l	100
60) Dibromochloromethane	10.99	129	35122	20.696	ug/l	100
61) 1,2-Dibromoethane	11.10	107	31691	20.917	ug/l	100
64) Tetrachloroethene	10.73	164	53766	20.847	ug/l	96
65) Chlorobenzene	11.52	112	111011	20.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36390	20.785	ug/l	99
67) Ethyl Benzene	11.60	91	201405	20.747	ug/l	99
68) m/p-Xylenes	11.71	106	150503	41.393	ug/l	100
69) o-Xylene	12.03	106	69764	20.437	ug/l	99
70) Styrene	12.05	104	123571	20.865	ug/l	99
71) Bromoform	12.22	173	19592	20.578	ug/l #	98
73) Isopropylbenzene	12.33	105	189227	20.545	ug/l	99
74) N-amyl acetate	12.15	43	54730	20.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	22679	20.352	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	28894m	12.302	ug/l	
77) Bromobenzene	12.61	156	42116	20.784	ug/l	99
78) n-propylbenzene	12.67	91	234879	20.505	ug/l	100
79) 2-Chlorotoluene	12.76	91	129430	20.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	157203	20.638	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14740	21.059	ug/l	96
82) 4-Chlorotoluene	12.86	91	135122	20.710	ug/l	99
83) tert-Butylbenzene	13.08	119	129024	20.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	158302	20.812	ug/l	99
85) sec-Butylbenzene	13.26	105	193722	20.382	ug/l	99
86) p-Isopropyltoluene	13.38	119	170177	20.803	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	81476	20.747	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82068	20.587	ug/l	98
89) n-Butylbenzene	13.70	91	174668	20.831	ug/l	99
90) Hexachloroethane	13.97	117	31660	20.310	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	75079	21.040	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5542	20.564	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002246.D
Acq On : 08 Apr 2020 12:09
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:31:47 AM

Quant Time: Apr 08 15:02:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 14:44:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47325	20.290	ug/l	99
94) Hexachlorobutadiene	15.12	225	24382	20.755	ug/l	99
95) Naphthalene	15.25	128	103471	20.261	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	41350	20.417	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002246.D
Acq On : 08 Apr 2020 12:09
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:31:47 AM

Quant Time: Apr 08 15:02:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 14:44:38 2020
Response via : Initial Calibration

