

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002455.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:33:24 PM

Quant Time: Apr 23 13:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	315876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	471546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	424344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	224884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	28705	10.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.74%	
35) Dibromofluoromethane	7.75	113	27356	10.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.50%	
50) Toluene-d8	10.19	98	111752	10.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.78%	
62) 4-Bromofluorobenzene	12.49	95	37467	10.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	22130	9.473	ug/l	98
3) Chloromethane	2.13	50	27891	9.345	ug/l	99
4) Vinyl Chloride	2.27	62	18577	8.911	ug/l	95
5) Bromomethane	2.67	94	11417	10.142	ug/l	94
6) Chloroethane	2.81	64	10622	9.702	ug/l	95
7) Trichlorofluoromethane	3.15	101	41596	11.000	ug/l	98
8) Diethyl Ether	3.55	74	16318	10.550	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.94	101	26822	10.267	ug/l	98
10) Methyl Iodide	4.12	142	39752	9.820	ug/l	98
11) Tert butyl alcohol	4.99	59	12770	49.638	ug/l	95
12) 1,1-Dichloroethene	3.90	96	27633	10.338	ug/l	99
13) Acrolein	3.76	56	10832	54.695	ug/l	97
14) Allyl chloride	4.52	41	39306	9.883	ug/l	96
15) Acrylonitrile	5.21	53	36817	49.299	ug/l	99
16) Acetone	3.98	43	29654	53.380	ug/l	95
17) Carbon Disulfide	4.22	76	82082	9.748	ug/l	99
18) Methyl Acetate	4.52	43	18069	9.775	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	71497	9.889	ug/l	92
20) Methylene Chloride	4.75	84	35934	10.587	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	30880	10.092	ug/l #	86
22) Diisopropyl ether	6.16	45	81134	10.267	ug/l	94
23) Vinyl Acetate	6.10	43	252042	50.851	ug/l	97
24) 1,1-Dichloroethane	6.06	63	48145	10.049	ug/l	98
25) 2-Butanone	7.02	43	44844	51.658	ug/l	99
26) 2,2-Dichloropropane	7.02	77	46235	10.144	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	33439	10.053	ug/l	99
28) Bromochloromethane	7.36	49	19057	10.119	ug/l	99
29) Tetrahydrofuran	7.38	42	29112	50.357	ug/l	99
30) Chloroform	7.53	83	50661	9.952	ug/l	96
31) Cyclohexane	7.82	56	48469	9.988	ug/l #	91
32) 1,1,1-Trichloroethane	7.73	97	45837	9.591	ug/l	97
36) 1,1-Dichloropropene	7.94	75	40237	9.942	ug/l	99
37) Ethyl Acetate	7.10	43	18696	9.367	ug/l	99
38) Carbon Tetrachloride	7.93	117	44592	9.639	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002455.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:33:24 PM

Quant Time: Apr 23 13:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	49640	9.440	ug/l	98
40) Benzene	8.19	78	115107	9.856	ug/l	98
41) Methacrylonitrile	7.35	41	11947m	4.972	ug/l	
42) 1,2-Dichloroethane	8.27	62	32719	9.679	ug/l	98
43) Isopropyl Acetate	8.30	43	37837	10.160	ug/l	98
44) Trichloroethene	8.96	130	35940	9.818	ug/l	92
45) 1,2-Dichloropropane	9.24	63	26582	9.864	ug/l	96
46) Dibromomethane	9.33	93	15510	9.918	ug/l	98
47) Bromodichloromethane	9.52	83	39677	10.122	ug/l	94
48) Methyl methacrylate	9.31	41	17083	10.068	ug/l	97
49) 1,4-Dioxane	9.32	88	3624	184.200	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	96156	49.822	ug/l	99
52) Toluene	10.26	92	73939	9.874	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	40012	9.814	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	46579	9.903	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	23529	10.159	ug/l	96
56) Ethyl methacrylate	10.52	69	30819	9.842	ug/l	98
57) 1,3-Dichloropropane	10.80	76	39485	10.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	75600	49.427	ug/l	99
59) 2-Hexanone	10.85	43	66589	49.868	ug/l	100
60) Dibromochloromethane	11.00	129	29432	9.752	ug/l	99
61) 1,2-Dibromoethane	11.10	107	22718	9.914	ug/l	99
64) Tetrachloroethene	10.74	164	38344	9.826	ug/l	99
65) Chlorobenzene	11.53	112	81361	9.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	30618	10.038	ug/l	99
67) Ethyl Benzene	11.60	91	144688	9.975	ug/l	100
68) m/p-Xylenes	11.71	106	110590	19.791	ug/l	99
69) o-Xylene	12.04	106	51991	9.934	ug/l	100
70) Styrene	12.05	104	88946	9.795	ug/l	99
71) Bromoform	12.22	173	18862	9.877	ug/l #	99
73) Isopropylbenzene	12.34	105	144617	9.921	ug/l	100
74) N-amyl acetate	12.15	43	34210	10.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	22663	10.203	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	17501m	5.636	ug/l	
77) Bromobenzene	12.62	156	36448	9.964	ug/l	98
78) n-propylbenzene	12.68	91	167690	9.882	ug/l	100
79) 2-Chlorotoluene	12.77	91	91574	9.890	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	122295	9.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	9975	10.093	ug/l	97
82) 4-Chlorotoluene	12.86	91	96917	9.920	ug/l	100
83) tert-Butylbenzene	13.08	119	107163	9.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	122223	9.878	ug/l	100
85) sec-Butylbenzene	13.26	105	146833	9.840	ug/l	99
86) p-Isopropyltoluene	13.38	119	136987	9.699	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	69556	9.959	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	68569	9.914	ug/l	97
89) n-Butylbenzene	13.70	91	126580	9.797	ug/l	99
90) Hexachloroethane	13.97	117	24565	9.733	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	62709	10.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4143	9.407	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002455.D
Acq On : 23 Apr 2020 11:43
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
4/24/2020 1:33:24 PM

Quant Time: Apr 23 13:03:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 12:46:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	45753	9.885	ug/l	99
94) Hexachlorobutadiene	15.13	225	28118	9.993	ug/l	98
95) Naphthalene	15.25	128	83753	9.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	38995	10.000	ug/l	99

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

