

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002510.D
 Acq On : 30 Apr 2020 14:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	373644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	555461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	502958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	16613	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	
35) Dibromofluoromethane	7.74	113	16934	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	
50) Toluene-d8	10.19	98	65338	5.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.54%	
62) 4-Bromofluorobenzene	12.48	95	22957	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	14118	4.975	ug/l	99
3) Chloromethane	2.12	50	15661	5.173	ug/l	98
4) Vinyl Chloride	2.26	62	17540	5.018	ug/l	95
5) Bromomethane	2.66	94	13021	5.402	ug/l	98
6) Chloroethane	2.80	64	10544	5.052	ug/l #	87
7) Trichlorofluoromethane	3.15	101	27078	4.998	ug/l	97
8) Diethyl Ether	3.55	74	8619	4.734	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	17198	5.194	ug/l	100
10) Methyl Iodide	4.11	142	19021	4.217	ug/l	98
11) Tert butyl alcohol	4.97	59	9414	29.125	ug/l #	91
12) 1,1-Dichloroethene	3.89	96	16655	5.178	ug/l	91
13) Acrolein	3.74	56	4836	21.637	ug/l	100
14) Allyl chloride	4.50	41	22598	4.822	ug/l	99
15) Acrylonitrile	5.19	53	20364	23.719	ug/l	100
16) Acetone	3.97	43	15596	24.054	ug/l	99
17) Carbon Disulfide	4.22	76	48484	5.010	ug/l	100
18) Methyl Acetate	4.50	43	11383	5.254	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	40150	4.784	ug/l	96
20) Methylene Chloride	4.74	84	21052	5.806	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	17742	5.047	ug/l	96
22) Diisopropyl ether	6.14	45	46520	4.906	ug/l	99
23) Vinyl Acetate	6.09	43	135431	22.710	ug/l	98
24) 1,1-Dichloroethane	6.05	63	27879	4.970	ug/l	99
25) 2-Butanone	7.01	43	25519	24.044	ug/l	100
26) 2,2-Dichloropropane	7.00	77	28976	5.434	ug/l	94
27) cis-1,2-Dichloroethene	7.02	96	19910	5.118	ug/l	98
28) Bromochloromethane	7.35	49	11455	4.984	ug/l	96
29) Tetrahydrofuran	7.37	42	16802	23.928	ug/l	98
30) Chloroform	7.53	83	29054	4.981	ug/l	98
31) Cyclohexane	7.80	56	32747	5.799	ug/l #	86
32) 1,1,1-Trichloroethane	7.72	97	26222	4.837	ug/l	98
36) 1,1-Dichloropropene	7.94	75	23978	5.149	ug/l	99
37) Ethyl Acetate	7.10	43	11560	4.831	ug/l	96
38) Carbon Tetrachloride	7.92	117	24909	4.900	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002510.D
 Acq On : 30 Apr 2020 14:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	31621	5.141	ug/l	95
40) Benzene	8.18	78	67765	5.039	ug/l	99
41) Methacrylonitrile	7.34	41	5653m	4.519	ug/l	
42) 1,2-Dichloroethane	8.26	62	18137	4.808	ug/l	99
43) Isopropyl Acetate	8.29	43	20353	4.537	ug/l	99
44) Trichloroethene	8.96	130	21373	5.085	ug/l	98
45) 1,2-Dichloropropane	9.23	63	16006	4.931	ug/l	95
46) Dibromomethane	9.31	93	8960	4.798	ug/l	98
47) Bromodichloromethane	9.51	83	21854	4.813	ug/l	92
48) Methyl methacrylate	9.30	41	8927	4.397	ug/l	96
49) 1,4-Dioxane	9.31	88	2287	92.491	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	53368	23.081	ug/l	99
52) Toluene	10.25	92	42851	4.958	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	22166	4.659	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	26803	4.873	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	13290	4.880	ug/l	98
56) Ethyl methacrylate	10.52	69	16441	4.538	ug/l	100
57) 1,3-Dichloropropane	10.80	76	22180	4.803	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.80	63	46059	24.108	ug/l	98
59) 2-Hexanone	10.84	43	35599	22.369	ug/l	100
60) Dibromochloromethane	10.99	129	16464	4.753	ug/l	99
61) 1,2-Dibromoethane	11.09	107	12844	4.763	ug/l	99
64) Tetrachloroethene	10.73	164	23037	5.155	ug/l	95
65) Chlorobenzene	11.52	112	48427	5.065	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	17287	4.871	ug/l	98
67) Ethyl Benzene	11.60	91	83678	4.982	ug/l	98
68) m/p-Xylenes	11.71	106	65592	10.094	ug/l	99
69) o-Xylene	12.03	106	30247	4.971	ug/l	99
70) Styrene	12.05	104	50255	4.831	ug/l	99
71) Bromoform	12.22	173	10053	4.564	ug/l #	94
73) Isopropylbenzene	12.34	105	83717	4.890	ug/l	100
74) N-amyl acetate	12.15	43	17784	4.318	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	12546	4.608	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	11319m	4.801	ug/l	
77) Bromobenzene	12.61	156	21341	4.990	ug/l	98
78) n-propylbenzene	12.68	91	98165	4.941	ug/l	100
79) 2-Chlorotoluene	12.76	91	54537	4.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	68725	4.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	5547	4.738	ug/l	93
82) 4-Chlorotoluene	12.86	91	58165	5.032	ug/l	99
83) tert-Butylbenzene	13.08	119	59959	4.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	68705	4.858	ug/l	99
85) sec-Butylbenzene	13.26	105	86012	4.982	ug/l	100
86) p-Isopropyltoluene	13.38	119	80272	4.962	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	41081	5.075	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	40569	5.061	ug/l	90
89) n-Butylbenzene	13.70	91	76509	5.195	ug/l	98
90) Hexachloroethane	13.97	117	14394	4.886	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	35936	4.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2381	4.691	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002510.D
Acq On : 30 Apr 2020 14:18
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	27508	5.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	16770	5.327	ug/l	98
95) Naphthalene	15.24	128	44834	4.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	22532	5.061	ug/l	100

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

