

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020242.D
 Acq On : 11 Nov 2024 12:38
 Operator : SY/MD
 Sample : VY1111SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

Quant Time: Nov 11 23:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	241513	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	439980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161135	53.458	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	106.920%	
35) Dibromofluoromethane	7.634	113	145848	52.138	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	104.280%	
50) Toluene-d8	10.109	98	559481	50.246	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.500%	
62) 4-Bromofluorobenzene	12.408	95	187901	51.953	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	103.900%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	42653	19.079	ug/l	96
3) Chloromethane	2.068	50	71145	19.212	ug/l	96
4) Vinyl Chloride	2.208	62	78114	19.649	ug/l	93
5) Bromomethane	2.592	94	56190	21.289	ug/l	99
6) Chloroethane	2.739	64	53943	21.025	ug/l	97
7) Trichlorofluoromethane	3.062	101	101581	20.917	ug/l	97
8) Diethyl Ether	3.458	74	29434	21.730	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.818	101	57530	21.120	ug/l	91
10) Methyl Iodide	4.007	142	55605	21.144	ug/l	91
11) Tert butyl alcohol	4.854	59	22284	102.779	ug/l	# 96
12) 1,1-Dichloroethene	3.793	96	54257	20.818	ug/l	# 81
13) Acrolein	3.647	56	20735	76.824	ug/l	93
14) Allyl chloride	4.385	41	95861	20.387	ug/l	# 90
15) Acrylonitrile	5.055	53	67324	109.191	ug/l	98
16) Acetone	3.872	43	76172	108.666	ug/l	# 84
17) Carbon Disulfide	4.110	76	154334	17.794	ug/l	97
18) Methyl Acetate	4.391	43	35296	21.461	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	146441	22.334	ug/l	99
20) Methylene Chloride	4.622	84	59441	18.877	ug/l	88
21) trans-1,2-Dichloroethene	5.122	96	59568	20.266	ug/l	90
22) Diisopropyl ether	6.018	45	207302	21.245	ug/l	# 88
23) Vinyl Acetate	5.964	43	577443	105.154	ug/l	# 92
24) 1,1-Dichloroethane	5.915	63	117152	20.734	ug/l	95
25) 2-Butanone	6.896	43	101508	106.828	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	98392	20.930	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	70302	20.807	ug/l	82
28) Bromochloromethane	7.244	49	53185	20.103	ug/l	# 72
29) Tetrahydrofuran	7.268	42	59023	107.634	ug/l	# 82
30) Chloroform	7.421	83	120717	21.531	ug/l	97
31) Cyclohexane	7.707	56	101984	18.644	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	105475	21.547	ug/l	94
36) 1,1-Dichloropropene	7.835	75	82926	19.190	ug/l	95
37) Ethyl Acetate	6.994	43	42381	20.571	ug/l	97
38) Carbon Tetrachloride	7.817	117	88278	20.315	ug/l	95
39) Methylcyclohexane	9.109	83	101873	18.575	ug/l	# 87
40) Benzene	8.079	78	255925	20.290	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	20142	19.516	ug/l	93
42) 1,2-Dichloroethane	8.158	62	74858	21.441	ug/l	94
43) Isopropyl Acetate	8.201	43	81921	20.678	ug/l #	91
44) Trichloroethene	8.865	130	60113	20.563	ug/l	85
45) 1,2-Dichloropropane	9.140	63	63700	21.109	ug/l	95
46) Dibromomethane	9.231	93	34267	20.957	ug/l	90
47) Bromodichloromethane	9.426	83	91653	21.396	ug/l	95
48) Methyl methacrylate	9.219	41	39748	21.660	ug/l #	82
49) 1,4-Dioxane	9.231	88	7353	436.780	ug/l #	70
51) 4-Methyl-2-Pentanone	9.999	43	219654	107.600	ug/l	87
52) Toluene	10.170	92	158349	20.366	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	78530	20.761	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	93951	20.809	ug/l #	82
55) 1,1,2-Trichloroethane	10.572	97	44421	21.849	ug/l	95
56) Ethyl methacrylate	10.438	69	62967	21.591	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	79535	21.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	151392	105.262	ug/l	93
59) 2-Hexanone	10.761	43	156126	106.678	ug/l	86
60) Dibromochloromethane	10.908	129	56524	21.811	ug/l	99
61) 1,2-Dibromoethane	11.011	107	41567	22.007	ug/l	94
64) Tetrachloroethene	10.646	164	54248	21.475	ug/l	93
65) Chlorobenzene	11.438	112	168588	20.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	56463	21.679	ug/l	98
67) Ethyl Benzene	11.517	91	304891	20.008	ug/l	98
68) m/p-Xylenes	11.627	106	228007	40.896	ug/l	93
69) o-Xylene	11.956	106	106954	20.262	ug/l	90
70) Styrene	11.969	104	179597	20.578	ug/l	95
71) Bromoform	12.127	173	29464	22.052	ug/l #	93
73) Isopropylbenzene	12.255	105	288342	20.499	ug/l	98
74) N-ethyl acetate	12.072	43	72961	20.750	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	51290	20.849	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	36107m	21.875	ug/l	
77) Bromobenzene	12.529	156	59129	20.785	ug/l	84
78) n-propylbenzene	12.597	91	354720	20.262	ug/l	96
79) 2-Chlorotoluene	12.676	91	203629	20.955	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	233908	20.713	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	15543	20.255	ug/l #	85
82) 4-Chlorotoluene	12.779	91	206033	20.794	ug/l	94
83) tert-Butylbenzene	12.999	119	207955	21.059	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	233535	20.879	ug/l	94
85) sec-Butylbenzene	13.176	105	309759	20.433	ug/l	97
86) p-Isopropyltoluene	13.291	119	244436	20.093	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	120274	20.812	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	120002	20.851	ug/l	94
89) n-Butylbenzene	13.615	91	242745	19.906	ug/l	98
90) Hexachloroethane	13.877	117	49472	20.563	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	107823	21.464	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8082	21.663	ug/l	72
93) 1,2,4-Trichlorobenzene	14.925	180	53906	19.976	ug/l	96
94) Hexachlorobutadiene	15.023	225	28889	19.578	ug/l	99
95) Naphthalene	15.145	128	101865	20.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	45884	20.031	ug/l	98

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

