

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080041.D
 Acq On : 17 Nov 2024 14:52
 Operator : RP/MD
 Sample : VD1117SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 04:22:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169441	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	95540	43.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.440%
35) Dibromofluoromethane	7.804	113	96216	44.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.520%
50) Toluene-d8	10.269	98	363664	44.884	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.575	95	120936	45.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	29021	17.035	ug/l	96
3) Chloromethane	2.146	50	20726	16.544	ug/l	90
4) Vinyl Chloride	2.287	62	24787	17.330	ug/l	99
5) Bromomethane	2.687	94	27163	17.096	ug/l	99
6) Chloroethane	2.834	64	21728	21.253	ug/l	90
7) Trichlorofluoromethane	3.181	101	68435	19.481	ug/l	94
8) Diethyl Ether	3.599	74	20492	19.982	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	41143	18.748	ug/l	97
10) Methyl Iodide	4.169	142	49455	18.207	ug/l	94
11) Tert butyl alcohol	5.069	59	12146	106.794	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	40049	18.208	ug/l	92
13) Acrolein	3.799	56	20282	92.938	ug/l	94
14) Allyl chloride	4.569	41	55865	17.918	ug/l	98
15) Acrylonitrile	5.252	53	46557	102.194	ug/l	99
16) Acetone	4.028	43	45207	95.335	ug/l	96
17) Carbon Disulfide	4.275	76	126997	17.931	ug/l	99
18) Methyl Acetate	4.563	43	21068	20.033	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	88594	19.744	ug/l #	90
20) Methylene Chloride	4.805	84	51288	20.168	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	44519	18.309	ug/l	98
22) Diisopropyl ether	6.216	45	123708	19.594	ug/l #	96
23) Vinyl Acetate	6.158	43	353123	97.624	ug/l	99
24) 1,1-Dichloroethane	6.116	63	78772	18.759	ug/l	95
25) 2-Butanone	7.081	43	56468	91.127	ug/l	90
26) 2,2-Dichloropropane	7.081	77	65651	17.986	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	51076	18.304	ug/l	97
28) Bromochloromethane	7.428	49	33808	18.092	ug/l	95
29) Tetrahydrofuran	7.452	42	33007	97.242	ug/l	99
30) Chloroform	7.599	83	83477	18.870	ug/l	95
31) Cyclohexane	7.875	56	61672	17.329	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	70709	18.677	ug/l	97
36) 1,1-Dichloropropene	8.004	75	55448	18.863	ug/l	99
37) Ethyl Acetate	7.169	43	26229	20.759	ug/l #	94
38) Carbon Tetrachloride	7.993	117	60877	18.955	ug/l	93
39) Methylcyclohexane	9.275	83	64155	18.331	ug/l	92
40) Benzene	8.252	78	178067	19.434	ug/l	98

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41) Methacrylonitrile	7.404	41	13489	19.783	ug/l	98
42) 1,2-Dichloroethane	8.322	62	50039	21.102	ug/l	99
43) Isopropyl Acetate	8.363	43	47629	20.795	ug/l	99
44) Trichloroethene	9.028	130	46444	19.589	ug/l	100
45) 1,2-Dichloropropane	9.299	63	44406	20.167	ug/l	93
46) Dibromomethane	9.393	93	26153	20.420	ug/l	99
47) Bromodichloromethane	9.581	83	64381	20.083	ug/l	100
48) Methyl methacrylate	9.381	41	22753	20.809	ug/l	96
49) 1,4-Dioxane	9.387	88	5414	460.814	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	122033	105.017	ug/l	99
52) Toluene	10.334	92	113923	20.008	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	56990	19.943	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	66392	19.624	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	34956	20.630	ug/l	98
56) Ethyl methacrylate	10.598	69	40398	20.504	ug/l	94
57) 1,3-Dichloropropane	10.875	76	56184	20.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	75937	101.902	ug/l	100
59) 2-Hexanone	10.922	43	88060	103.027	ug/l	100
60) Dibromochloromethane	11.069	129	45628	20.921	ug/l	99
61) 1,2-Dibromoethane	11.175	107	32800	20.531	ug/l	94
64) Tetrachloroethene	10.810	164	40362	19.136	ug/l	98
65) Chlorobenzene	11.604	112	126011	19.504	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	43676	19.420	ug/l	99
67) Ethyl Benzene	11.681	91	203505	18.772	ug/l	96
68) m/p-Xylenes	11.793	106	163233	38.528	ug/l	99
69) o-Xylene	12.122	106	72736	19.099	ug/l	97
70) Styrene	12.134	104	133893	19.697	ug/l	99
71) Bromoform	12.298	173	27798	20.963	ug/l #	96
73) Isopropylbenzene	12.422	105	193084	17.670	ug/l	100
74) N-amyl acetate	12.234	43	44486	18.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	40527	19.299	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26026m	17.395	ug/l	
77) Bromobenzene	12.698	156	52598	18.522	ug/l	97
78) n-propylbenzene	12.763	91	243204	18.010	ug/l	100
79) 2-Chlorotoluene	12.845	91	143157	18.077	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	167232	18.083	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	13854	18.951	ug/l	98
82) 4-Chlorotoluene	12.945	91	154109	18.204	ug/l	98
83) tert-Butylbenzene	13.163	119	137629	17.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	174477	18.781	ug/l	100
85) sec-Butylbenzene	13.345	105	217500	18.372	ug/l	97
86) p-Isopropyltoluene	13.457	119	187872	18.774	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	109943	19.119	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	112252	19.437	ug/l	98
89) n-Butylbenzene	13.787	91	161016	17.103	ug/l	96
90) Hexachloroethane	14.051	117	37761	17.602	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	97375	19.420	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6084	19.159	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	56881	18.091	ug/l	100
94) Hexachlorobutadiene	15.198	225	29940	17.618	ug/l	98
95) Naphthalene	15.328	128	97532	18.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	51237	18.556	ug/l	99

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

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