

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078820.D
 Acq On : 16 Apr 2024 13:37
 Operator : RP/MD
 Sample : VD0416SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 22:32:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	225176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74893	55.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.640%			
35) Dibromofluoromethane	7.810	113	82015	52.868	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.269	98	308918	54.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.569	95	89735	53.762	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27412	20.573	ug/l	99
3) Chloromethane	2.152	50	42485	20.194	ug/l	97
4) Vinyl Chloride	2.287	62	59542	19.186	ug/l	91
5) Bromomethane	2.687	94	58577	19.713	ug/l	96
6) Chloroethane	2.834	64	53484	22.098	ug/l	94
7) Trichlorofluoromethane	3.169	101	53748	21.891	ug/l	92
8) Diethyl Ether	3.598	74	15381	21.456	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.963	101	31471	20.424	ug/l	98
10) Methyl Iodide	4.163	142	33767	18.526	ug/l	98
11) Tert butyl alcohol	5.057	59	7686	128.010	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	31685	21.631	ug/l	85
13) Acrolein	3.793	56	14838	157.758	ug/l	100
14) Allyl chloride	4.557	41	34212	20.932	ug/l	98
15) Acrylonitrile	5.257	53	31916	110.445	ug/l	93
16) Acetone	4.022	43	25434	98.034	ug/l	92
17) Carbon Disulfide	4.269	76	105936	22.061	ug/l	98
18) Methyl Acetate	4.563	43	12116	21.761	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	65345	22.121	ug/l	96
20) Methylene Chloride	4.793	84	39460	19.320	ug/l	97
21) trans-1,2-Dichloroethene	5.304	96	35009	20.255	ug/l	93
22) Diisopropyl ether	6.210	45	81329	21.886	ug/l #	94
23) Vinyl Acetate	6.151	43	244851	112.646	ug/l	100
24) 1,1-Dichloroethane	6.116	63	59333	21.297	ug/l	96
25) 2-Butanone	7.081	43	36887	106.941	ug/l	94
26) 2,2-Dichloropropane	7.075	77	47374	20.098	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	39484	20.029	ug/l	93
28) Bromochloromethane	7.428	49	20515	20.654	ug/l	90
29) Tetrahydrofuran	7.445	42	21122	112.586	ug/l	99
30) Chloroform	7.598	83	61790	19.892	ug/l	99
31) Cyclohexane	7.881	56	48057	21.311	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	52482	19.913	ug/l	97
36) 1,1-Dichloropropene	8.010	75	43948	19.525	ug/l	99
37) Ethyl Acetate	7.175	43	16330	22.208	ug/l	98
38) Carbon Tetrachloride	7.986	117	45311	19.095	ug/l	96
39) Methylcyclohexane	9.275	83	52052	19.935	ug/l	98
40) Benzene	8.251	78	142440	20.934	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	7118	18.472	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	33288	20.061	ug/l	97
43) Isopropyl Acetate	8.357	43	28948	21.647	ug/l	94
44) Trichloroethene	9.028	130	34153	18.496	ug/l	93
45) 1,2-Dichloropropane	9.310	63	31741	19.665	ug/l	92
46) Dibromomethane	9.392	93	20217	20.895	ug/l	93
47) Bromodichloromethane	9.586	83	46787	20.313	ug/l	96
48) Methyl methacrylate	9.381	41	13515	20.742	ug/l	98
49) 1,4-Dioxane	9.392	88	3540	395.155	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	77909	111.439	ug/l	98
52) Toluene	10.333	92	86814	19.818	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	40478	19.221	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	50277	19.859	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	25649	19.796	ug/l	96
56) Ethyl methacrylate	10.598	69	26039	20.047	ug/l	94
57) 1,3-Dichloropropane	10.880	76	41457	19.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	58963	102.951	ug/l	96
59) 2-Hexanone	10.922	43	56995	109.973	ug/l	97
60) Dibromochloromethane	11.075	129	32317	20.225	ug/l	100
61) 1,2-Dibromoethane	11.175	107	24330	19.404	ug/l	98
64) Tetrachloroethene	10.810	164	27211	18.261	ug/l	89
65) Chlorobenzene	11.604	112	95617	20.320	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.680	131	31683	18.385	ug/l	99
67) Ethyl Benzene	11.686	91	152527	19.022	ug/l	95
68) m/p-Xylenes	11.792	106	126161	38.747	ug/l	99
69) o-Xylene	12.122	106	56334	18.699	ug/l	98
70) Styrene	12.133	104	100580	19.891	ug/l	99
71) Bromoform	12.298	173	18765	20.149	ug/l #	89
73) Isopropylbenzene	12.422	105	141429	19.371	ug/l	99
74) N-amyl acetate	12.233	43	27913	23.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.674	83	28468	21.063	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	18635m	21.812	ug/l	
77) Bromobenzene	12.698	156	35896	19.825	ug/l	93
78) n-propylbenzene	12.763	91	178619	20.099	ug/l	100
79) 2-Chlorotoluene	12.851	91	96959	19.887	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	120599	19.975	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9616	23.593	ug/l	93
82) 4-Chlorotoluene	12.945	91	104735	20.311	ug/l	99
83) tert-Butylbenzene	13.169	119	105038	20.176	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	122416	20.119	ug/l	99
85) sec-Butylbenzene	13.345	105	158244	20.086	ug/l	98
86) p-Isopropyltoluene	13.457	119	133696	19.823	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	74355	19.460	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	75831	20.138	ug/l	98
89) n-Butylbenzene	13.786	91	123457	20.269	ug/l	98
90) Hexachloroethane	14.051	117	27945	20.025	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	66455	20.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3880	21.460	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	36689	19.103	ug/l	95
94) Hexachlorobutadiene	15.204	225	19162	18.429	ug/l	95
95) Naphthalene	15.333	128	65311	19.559	ug/l	96
96) 1,2,3-Trichlorobenzene	15.515	180	33161	19.958	ug/l	99

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

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