

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079715.D
 Acq On : 13 Aug 2024 12:43
 Operator : RP/MD
 Sample : VD0813SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 05:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109534	55.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.805	113	109605	54.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.269	98	483837	57.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.260%	
62) 4-Bromofluorobenzene	12.569	95	132638	56.424	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	39603	25.443	ug/l	91
3) Chloromethane	2.146	50	79767	23.874	ug/l	97
4) Vinyl Chloride	2.281	62	90641	22.949	ug/l	98
5) Bromomethane	2.687	94	59260	22.043	ug/l	93
6) Chloroethane	2.828	64	59724	22.152	ug/l	95
7) Trichlorofluoromethane	3.175	101	76298	21.599	ug/l	95
8) Diethyl Ether	3.593	74	22988	20.812	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.958	101	43247	20.797	ug/l	94
10) Methyl Iodide	4.164	142	37862	16.267	ug/l	92
11) Tert butyl alcohol	5.052	59	11822	116.973	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	46665	21.461	ug/l	85
13) Acrolein	3.793	56	25845	111.640	ug/l	99
14) Allyl chloride	4.558	41	68189	20.908	ug/l #	84
15) Acrylonitrile	5.258	53	50590	99.491	ug/l	97
16) Acetone	4.022	43	42200	102.570	ug/l	93
17) Carbon Disulfide	4.264	76	163651	21.231	ug/l	97
18) Methyl Acetate	4.558	43	24764	18.250	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	89723	20.096	ug/l	98
20) Methylene Chloride	4.799	84	71855	22.950	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	49496	20.733	ug/l	93
22) Diisopropyl ether	6.216	45	142747	21.240	ug/l #	90
23) Vinyl Acetate	6.152	43	518293	105.210	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	90549	20.381	ug/l	96
25) 2-Butanone	7.081	43	58256	95.141	ug/l	100
26) 2,2-Dichloropropane	7.075	77	72791	20.745	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	56940	20.562	ug/l	86
28) Bromochloromethane	7.422	49	39855	21.087	ug/l #	63
29) Tetrahydrofuran	7.446	42	35031	94.111	ug/l #	82
30) Chloroform	7.593	83	90380	20.949	ug/l	98
31) Cyclohexane	7.875	56	76279	20.968	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	73893	20.702	ug/l	96
36) 1,1-Dichloropropene	8.005	75	64424	20.690	ug/l	96
37) Ethyl Acetate	7.163	43	26755	18.987	ug/l	96
38) Carbon Tetrachloride	7.993	117	65222	20.636	ug/l	96
39) Methylcyclohexane	9.275	83	74754	20.312	ug/l	88
40) Benzene	8.246	78	211889	20.923	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14450	19.471	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	47759	20.403	ug/l	95
43) Isopropyl Acetate	8.357	43	48915	19.904	ug/l #	92
44) Trichloroethene	9.028	130	44985	20.225	ug/l	75
45) 1,2-Dichloropropane	9.304	63	50410	20.223	ug/l	98
46) Dibromomethane	9.399	93	24224	19.195	ug/l	90
47) Bromodichloromethane	9.581	83	62486	19.643	ug/l	97
48) Methyl methacrylate	9.375	41	22810	20.179	ug/l #	79
49) 1,4-Dioxane	9.381	88	6031	474.842	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	122099	96.570	ug/l	94
52) Toluene	10.334	92	127084	20.928	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	60193	20.242	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	70303	19.263	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	34125	20.285	ug/l	95
56) Ethyl methacrylate	10.593	69	40443	21.203	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	58925	20.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	93889	102.343	ug/l	88
59) 2-Hexanone	10.922	43	86897	103.547	ug/l	92
60) Dibromochloromethane	11.069	129	41418	19.983	ug/l	97
61) 1,2-Dibromoethane	11.175	107	30654	20.521	ug/l	97
64) Tetrachloroethene	10.804	164	35893	20.350	ug/l	91
65) Chlorobenzene	11.604	112	130537	20.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	42765	20.694	ug/l	97
67) Ethyl Benzene	11.681	91	225802	20.302	ug/l	97
68) m/p-Xylenes	11.793	106	177571	41.057	ug/l	89
69) o-Xylene	12.116	106	79691	20.161	ug/l	87
70) Styrene	12.134	104	141835	20.454	ug/l	96
71) Bromoform	12.298	173	21121	19.883	ug/l #	97
73) Isopropylbenzene	12.416	105	211926	20.903	ug/l	99
74) N-amyl acetate	12.228	43	47144	20.872	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	37515	19.818	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	23258m	19.756	ug/l	
77) Bromobenzene	12.698	156	45410	20.027	ug/l	83
78) n-propylbenzene	12.757	91	267726	21.340	ug/l	94
79) 2-Chlorotoluene	12.845	91	144067	20.622	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	181026	21.532	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13970	20.222	ug/l	99
82) 4-Chlorotoluene	12.945	91	152641	20.778	ug/l	95
83) tert-Butylbenzene	13.163	119	145256	20.471	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	178788	20.786	ug/l	99
85) sec-Butylbenzene	13.340	105	231876	21.207	ug/l	98
86) p-Isopropyltoluene	13.457	119	192564	20.965	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	100203	20.759	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	95733	20.092	ug/l	95
89) n-Butylbenzene	13.787	91	183126	21.151	ug/l	98
90) Hexachloroethane	14.051	117	39666	21.047	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	85565	20.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5122	19.823	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	48369	20.225	ug/l	98
94) Hexachlorobutadiene	15.198	225	25247	20.992	ug/l	97
95) Naphthalene	15.328	128	91584	20.023	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	39925	19.045	ug/l	94

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

