

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079757.D
 Acq On : 30 Aug 2024 16:13
 Operator : RP/MD
 Sample : VD0830SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 04:45:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83332	44.305	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.620%		
35) Dibromofluoromethane	7.810	113	75172	42.265	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.540%		
50) Toluene-d8	10.269	98	332042	43.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.060%		
62) 4-Bromofluorobenzene	12.569	95	93584	43.847	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	87.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34534	20.849	ug/l	97
3) Chloromethane	2.146	50	73333	21.252	ug/l	92
4) Vinyl Chloride	2.281	62	84905	20.424	ug/l	98
5) Bromomethane	2.687	94	57484	19.975	ug/l	97
6) Chloroethane	2.834	64	57701	20.474	ug/l	96
7) Trichlorofluoromethane	3.170	101	63055	20.094	ug/l	99
8) Diethyl Ether	3.599	74	20721	20.813	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	34862	19.841	ug/l	90
10) Methyl Iodide	4.164	142	34692	17.136	ug/l	91
11) Tert butyl alcohol	5.069	59	9465m	102.041	ug/l	
12) 1,1-Dichloroethene	3.934	96	36722	19.906	ug/l	88
13) Acrolein	3.793	56	19677	108.812	ug/l	94
14) Allyl chloride	4.564	41	55641	20.473	ug/l #	85
15) Acrylonitrile	5.258	53	47178	105.089	ug/l	98
16) Acetone	4.022	43	39784	101.928	ug/l #	87
17) Carbon Disulfide	4.269	76	133572	19.802	ug/l	98
18) Methyl Acetate	4.564	43	20548	18.366	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	80219	19.870	ug/l	95
20) Methylene Chloride	4.799	84	53838	21.435	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	40993	20.022	ug/l #	80
22) Diisopropyl ether	6.222	45	121631	21.266	ug/l #	88
23) Vinyl Acetate	6.158	43	342484	112.304	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	74807	20.001	ug/l	94
25) 2-Butanone	7.087	43	52921	101.631	ug/l	91
26) 2,2-Dichloropropane	7.075	77	60467	20.779	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	46008	19.593	ug/l	86
28) Bromochloromethane	7.428	49	33597	20.210	ug/l #	62
29) Tetrahydrofuran	7.452	42	32283	100.233	ug/l #	80
30) Chloroform	7.599	83	73845	19.888	ug/l	98
31) Cyclohexane	7.881	56	62311	19.817	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	59875	19.360	ug/l	94
36) 1,1-Dichloropropene	8.005	75	51285	19.454	ug/l	95
37) Ethyl Acetate	7.169	43	25324	21.738	ug/l #	95
38) Carbon Tetrachloride	7.993	117	53043	18.867	ug/l	97
39) Methylcyclohexane	9.269	83	60185	18.747	ug/l	93
40) Benzene	8.252	78	170855	19.434	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14622	21.934	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	41885	19.425	ug/l	97
43) Isopropyl Acetate	8.357	43	45056	20.731	ug/l #	92
44) Trichloroethene	9.028	130	34930	18.617	ug/l	91
45) 1,2-Dichloropropane	9.304	63	41412	19.512	ug/l	93
46) Dibromomethane	9.393	93	21927	19.531	ug/l #	85
47) Bromodichloromethane	9.581	83	54569	19.463	ug/l	96
48) Methyl methacrylate	9.381	41	19789	18.865	ug/l #	80
49) 1,4-Dioxane	9.387	88	4001	354.720	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	115399	101.651	ug/l	90
52) Toluene	10.334	92	103365	19.440	ug/l	98
53) t-1,3-Dichloropropene	10.546	75	52510	19.866	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	62131	19.734	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	28130	19.153	ug/l	94
56) Ethyl methacrylate	10.593	69	35896	19.505	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	51229	19.349	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	80448	106.245	ug/l	89
59) 2-Hexanone	10.916	43	80280	104.362	ug/l	91
60) Dibromochloromethane	11.069	129	35593	19.702	ug/l	100
61) 1,2-Dibromoethane	11.175	107	26055	20.242	ug/l	99
64) Tetrachloroethene	10.810	164	28324	19.003	ug/l	90
65) Chlorobenzene	11.604	112	109821	19.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33732	18.240	ug/l	97
67) Ethyl Benzene	11.681	91	186905	18.833	ug/l	100
68) m/p-Xylenes	11.787	106	146975	38.578	ug/l	91
69) o-Xylene	12.122	106	65472	18.439	ug/l	87
70) Styrene	12.134	104	120585	19.456	ug/l	97
71) Bromoform	12.293	173	17742	19.130	ug/l #	97
73) Isopropylbenzene	12.416	105	169880	18.900	ug/l	98
74) N-amyl acetate	12.234	43	43549	20.386	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	34009	19.711	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	19420m	17.992	ug/l	
77) Bromobenzene	12.698	156	36520	18.256	ug/l	76
78) n-propylbenzene	12.757	91	215295	19.384	ug/l	95
79) 2-Chlorotoluene	12.845	91	117180	18.939	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	144053	19.278	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	11986	18.521	ug/l	89
82) 4-Chlorotoluene	12.945	91	127967	19.856	ug/l	93
83) tert-Butylbenzene	13.163	119	117797	18.970	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	147856	19.181	ug/l	96
85) sec-Butylbenzene	13.340	105	186957	19.693	ug/l	98
86) p-Isopropyltoluene	13.457	119	156160	19.653	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	81860	19.062	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	78917	18.379	ug/l	93
89) n-Butylbenzene	13.781	91	148420	19.514	ug/l	97
90) Hexachloroethane	14.051	117	29515	18.386	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	68003	18.491	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5438	21.588	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	37753	18.690	ug/l	96
94) Hexachlorobutadiene	15.198	225	17266	17.775	ug/l	99
95) Naphthalene	15.328	128	79595	19.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	32944	18.665	ug/l	97

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

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