

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078118.D
 Acq On : 02 Jan 2024 11:39
 Operator : RP/MD
 Sample : VD0102SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 03 00:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	169495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72712	48.214	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.810	113	83804	49.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.240%		
50) Toluene-d8	10.269	98	301515	50.736	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.575	95	94408	49.372	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27431	18.884	ug/l	96
3) Chloromethane	2.152	50	32815	16.380	ug/l	97
4) Vinyl Chloride	2.287	62	49449	16.376	ug/l	96
5) Bromomethane	2.693	94	39446	16.293	ug/l	99
6) Chloroethane	2.846	64	36076	16.258	ug/l	96
7) Trichlorofluoromethane	3.181	101	53298	18.338	ug/l	99
8) Diethyl Ether	3.599	74	14815	18.589	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	33580	18.550	ug/l	98
10) Methyl Iodide	4.175	142	31357	18.433	ug/l #	90
11) Tert butyl alcohol	5.052	59	8542	114.730	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	29144	18.195	ug/l	95
13) Acrolein	3.799	56	9161	115.335	ug/l	96
14) Allyl chloride	4.575	41	33986	17.554	ug/l	89
15) Acrylonitrile	5.252	53	33256	99.753	ug/l	97
16) Acetone	4.022	43	42213	123.110	ug/l #	82
17) Carbon Disulfide	4.281	76	62541	15.802	ug/l	100
18) Methyl Acetate	4.569	43	20686	16.736	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	67027	18.907	ug/l	99
20) Methylene Chloride	4.811	84	47925	24.296	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	33035	17.942	ug/l	98
22) Diisopropyl ether	6.216	45	78294	18.105	ug/l	93
23) Vinyl Acetate	6.164	43	156159m	94.453	ug/l	
24) 1,1-Dichloroethane	6.116	63	57447	17.951	ug/l	95
25) 2-Butanone	7.087	43	46229	108.683	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	54056	18.801	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	38172	17.475	ug/l	89
28) Bromochloromethane	7.428	49	20283	17.715	ug/l	94
29) Tetrahydrofuran	7.452	42	21190	90.765	ug/l	95
30) Chloroform	7.605	83	65547	18.899	ug/l	98
31) Cyclohexane	7.881	56	40575	16.865	ug/l #	90
32) 1,1,1-Trichloroethane	7.799	97	55643	18.668	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43885	18.467	ug/l	98
37) Ethyl Acetate	7.175	43	16102	20.373	ug/l #	95
38) Carbon Tetrachloride	7.993	117	48571	18.862	ug/l	94
39) Methylcyclohexane	9.275	83	49113	18.026	ug/l	95
40) Benzene	8.252	78	130062	18.989	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.422	41	10223m	20.445	ug/l	
42) 1,2-Dichloroethane	8.334	62	35633	19.251	ug/l	97
43) Isopropyl Acetate	8.363	43	30356	19.184	ug/l	96
44) Trichloroethene	9.034	130	38801	19.691	ug/l	98
45) 1,2-Dichloropropane	9.310	63	32554	18.757	ug/l	94
46) Dibromomethane	9.393	93	19892	20.464	ug/l	97
47) Bromodichloromethane	9.587	83	48261	19.113	ug/l #	96
48) Methyl methacrylate	9.381	41	15978	17.917	ug/l #	84
49) 1,4-Dioxane	9.381	88	3845	418.420	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	80388	99.008	ug/l	94
52) Toluene	10.334	92	86280	19.422	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45232	19.744	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	52607	19.122	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	27752	20.288	ug/l	96
56) Ethyl methacrylate	10.599	69	21513	19.817	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	43153	19.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	48896	104.035	ug/l	99
59) 2-Hexanone	10.922	43	69199	109.721	ug/l	90
60) Dibromochloromethane	11.075	129	35860	20.578	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25865	19.722	ug/l	100
64) Tetrachloroethene	10.810	164	32602	20.451	ug/l	97
65) Chlorobenzene	11.610	112	99337	19.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	38690	20.395	ug/l	94
67) Ethyl Benzene	11.687	91	162320	18.577	ug/l	97
68) m/p-Xylenes	11.793	106	131738	38.739	ug/l	96
69) o-Xylene	12.122	106	59339	18.722	ug/l	93
70) Styrene	12.134	104	91339	19.519	ug/l	95
71) Bromoform	12.298	173	22494	21.492	ug/l #	97
73) Isopropylbenzene	12.422	105	162350	19.419	ug/l	98
74) N-amyl acetate	12.234	43	27322	19.686	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	30699	20.204	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	20007m	19.537	ug/l	
77) Bromobenzene	12.704	156	42059	20.679	ug/l	100
78) n-propylbenzene	12.763	91	194714	19.349	ug/l	98
79) 2-Chlorotoluene	12.851	91	104500	19.198	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	135549	19.602	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9734	20.481	ug/l	95
82) 4-Chlorotoluene	12.946	91	107662	18.448	ug/l	98
83) tert-Butylbenzene	13.169	119	121027	19.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	136989	19.449	ug/l	96
85) sec-Butylbenzene	13.345	105	175471	19.841	ug/l	97
86) p-Isopropyltoluene	13.463	119	156701	19.799	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	83026	19.730	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	82894	20.085	ug/l	98
89) n-Butylbenzene	13.787	91	141547	19.485	ug/l	98
90) Hexachloroethane	14.051	117	31338	19.806	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	73184	20.251	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4372	20.544	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	48496	20.554	ug/l	99
94) Hexachlorobutadiene	15.204	225	28370	21.401	ug/l	98
95) Naphthalene	15.334	128	80307	19.993	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	41886	20.922	ug/l	99

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

