

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078770.D
 Acq On : 28 Mar 2024 13:15
 Operator : RP/MD
 Sample : VD0328SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

Quant Time: Mar 29 01:33:17 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	7.881	168	106187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51447	51.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.400%			
35) Dibromofluoromethane	7.804	113	60164	51.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.480%			
50) Toluene-d8	10.269	98	213769	49.983	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.575	95	66393	53.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	17311	17.516	ug/l	99
3) Chloromethane	2.152	50	25771	16.515	ug/l	99
4) Vinyl Chloride	2.287	62	40738	17.697	ug/l	100
5) Bromomethane	2.687	94	39034	17.710	ug/l	95
6) Chloroethane	2.840	64	33660	18.750	ug/l	91
7) Trichlorofluoromethane	3.181	101	37535	20.611	ug/l	96
8) Diethyl Ether	3.599	74	10055	18.911	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	23528	20.586	ug/l	98
10) Methyl Iodide	4.163	142	24024	17.770	ug/l	95
11) Tert butyl alcohol	5.052	59	5431	121.948	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	20890	19.227	ug/l	94
13) Acrolein	3.793	56	6738	96.583	ug/l	95
14) Allyl chloride	4.563	41	22420	18.494	ug/l	95
15) Acrylonitrile	5.263	53	23338	108.882	ug/l	98
16) Acetone	4.028	43	21943	114.028	ug/l	99
17) Carbon Disulfide	4.275	76	48652	13.660	ug/l	99
18) Methyl Acetate	4.563	43	8265	20.013	ug/l	94
19) Methyl tert-butyl Ether	5.328	73	45814	20.910	ug/l	97
20) Methylene Chloride	4.805	84	32297	21.878	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	23853	18.606	ug/l	89
22) Diisopropyl ether	6.216	45	58736	21.310	ug/l	97
23) Vinyl Acetate	6.157	43	168001	104.203	ug/l	98
24) 1,1-Dichloroethane	6.110	63	41776	20.216	ug/l	98
25) 2-Butanone	7.081	43	27707	108.297	ug/l	92
26) 2,2-Dichloropropane	7.081	77	35620	20.373	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	28540	19.518	ug/l	98
28) Bromochloromethane	7.422	49	14295	19.403	ug/l #	4
29) Tetrahydrofuran	7.440	42	14587	104.826	ug/l	98
30) Chloroform	7.599	83	48027	20.844	ug/l	96
31) Cyclohexane	7.887	56	28327	16.935	ug/l	85
32) 1,1,1-Trichloroethane	7.799	97	39774	20.346	ug/l	99
36) 1,1-Dichloropropene	8.010	75	32245	19.110	ug/l	98
37) Ethyl Acetate	7.169	43	11684	21.196	ug/l #	71
38) Carbon Tetrachloride	7.993	117	34346	19.308	ug/l	91
39) Methylcyclohexane	9.275	83	32899	16.808	ug/l	95
40) Benzene	8.257	78	100741	19.751	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	5500m	19.040	ug/l	
42) 1,2-Dichloroethane	8.334	62	26726	21.486	ug/l	99
43) Isopropyl Acetate	8.369	43	21640	21.587	ug/l	96
44) Trichloroethene	9.028	130	29078	21.007	ug/l	92
45) 1,2-Dichloropropane	9.310	63	25477	21.056	ug/l	94
46) Dibromomethane	9.398	93	14587	20.112	ug/l	99
47) Bromodichloromethane	9.587	83	37181	21.534	ug/l #	98
48) Methyl methacrylate	9.381	41	9644	19.744	ug/l	94
49) 1,4-Dioxane	9.398	88	2491	370.930	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	56721	108.230	ug/l	99
52) Toluene	10.334	92	63467	19.327	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	32065	20.311	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	39087	20.596	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	21054	21.677	ug/l #	86
56) Ethyl methacrylate	10.598	69	18715	19.221	ug/l	98
57) 1,3-Dichloropropane	10.881	76	32156	20.518	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	42529	99.058	ug/l	100
59) 2-Hexanone	10.922	43	42733	109.994	ug/l	100
60) Dibromochloromethane	11.075	129	26619	22.223	ug/l	98
61) 1,2-Dibromoethane	11.181	107	19388	20.626	ug/l	98
64) Tetrachloroethene	10.810	164	23355	20.850	ug/l	96
65) Chlorobenzene	11.610	112	70930	20.053	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.681	131	27367	21.126	ug/l	99
67) Ethyl Benzene	11.681	91	115221	19.116	ug/l	99
68) m/p-Xylenes	11.798	106	93535	38.215	ug/l	99
69) o-Xylene	12.122	106	44505	19.652	ug/l	98
70) Styrene	12.139	104	76265	20.064	ug/l	98
71) Bromoform	12.298	173	14955	21.362	ug/l #	99
73) Isopropylbenzene	12.422	105	112975	19.668	ug/l	100
74) N-amyl acetate	12.234	43	20239	21.701	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	23633	22.225	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	15062m	22.408	ug/l	
77) Bromobenzene	12.704	156	30279	21.255	ug/l	98
78) n-propylbenzene	12.763	91	140748	20.130	ug/l	100
79) 2-Chlorotoluene	12.851	91	80272	20.927	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	96806	20.380	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	6617	20.635	ug/l	93
82) 4-Chlorotoluene	12.945	91	86960	21.434	ug/l	98
83) tert-Butylbenzene	13.169	119	85527	20.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	97687	20.407	ug/l	98
85) sec-Butylbenzene	13.345	105	127750	20.611	ug/l	99
86) p-Isopropyltoluene	13.463	119	106733	20.115	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	62924	20.932	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	63072	21.289	ug/l	99
89) n-Butylbenzene	13.786	91	98748	20.606	ug/l	98
90) Hexachloroethane	14.051	117	23254	21.180	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	54967	21.230	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3169	22.278	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	30843	20.412	ug/l	99
94) Hexachlorobutadiene	15.204	225	17697	21.634	ug/l	98
95) Naphthalene	15.333	128	51434	19.578	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27231	20.831	ug/l	99

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

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