

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079618.D
 Acq On : 06 Aug 2024 13:02
 Operator : RP/MD
 Sample : VD0806SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 02:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	224695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	397931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	188974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109233	47.853	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.700%		
35) Dibromofluoromethane	7.804	113	113352	42.085	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.180%		
50) Toluene-d8	10.269	98	444636	42.511	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.020%		
62) 4-Bromofluorobenzene	12.569	95	127749	42.207	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30679	17.426	ug/l	100
3) Chloromethane	2.146	50	58775	18.119	ug/l	100
4) Vinyl Chloride	2.281	62	69697	18.070	ug/l	96
5) Bromomethane	2.669	94	52665	20.055	ug/l	99
6) Chloroethane	2.828	64	50431	20.348	ug/l	99
7) Trichlorofluoromethane	3.163	101	73210	19.086	ug/l	95
8) Diethyl Ether	3.587	74	22363	19.300	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.963	101	46937	19.347	ug/l	96
10) Methyl Iodide	4.158	142	45287	16.837	ug/l	97
11) Tert butyl alcohol	5.057	59	13806	132.687	ug/l #	95
12) 1,1-Dichloroethene	3.928	96	42819	17.637	ug/l	87
13) Acrolein	3.793	56	14839	80.968	ug/l	92
14) Allyl chloride	4.558	41	63364	19.765	ug/l #	84
15) Acrylonitrile	5.257	53	59818	110.480	ug/l	97
16) Acetone	4.022	43	40755	91.869	ug/l	99
17) Carbon Disulfide	4.269	76	120587	15.047	ug/l	98
18) Methyl Acetate	4.563	43	30839	22.390	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	100280	20.236	ug/l	99
20) Methylene Chloride	4.793	84	64342	6.030	ug/l #	81
21) trans-1,2-Dichloroethene	5.305	96	47914	17.568	ug/l	92
22) Diisopropyl ether	6.216	45	148359	20.799	ug/l #	89
23) Vinyl Acetate	6.152	43	542764	101.223	ug/l #	91
24) 1,1-Dichloroethane	6.104	63	93057	19.467	ug/l	95
25) 2-Butanone	7.087	43	65201	103.669	ug/l #	88
26) 2,2-Dichloropropane	7.069	77	71527	18.499	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	59930	19.224	ug/l	91
28) Bromochloromethane	7.422	49	41258	19.683	ug/l #	69
29) Tetrahydrofuran	7.451	42	42873	109.996	ug/l #	81
30) Chloroform	7.593	83	97253	20.091	ug/l	93
31) Cyclohexane	7.875	56	65832	17.365	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	79968	20.020	ug/l	98
36) 1,1-Dichloropropene	8.004	75	62455	16.989	ug/l	98
37) Ethyl Acetate	7.163	43	32069	21.277	ug/l #	97
38) Carbon Tetrachloride	7.993	117	66473	17.201	ug/l	95
39) Methylcyclohexane	9.275	83	65807	15.003	ug/l #	88
40) Benzene	8.251	78	204060	17.477	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17085	20.607	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	53173	19.111	ug/l	96
43) Isopropyl Acetate	8.363	43	56825	20.060	ug/l #	90
44) Trichloroethene	9.028	130	48996	16.857	ug/l	77
45) 1,2-Dichloropropane	9.304	63	54986	19.351	ug/l	100
46) Dibromomethane	9.398	93	29008	18.415	ug/l	92
47) Bromodichloromethane	9.587	83	71857	18.578	ug/l	100
48) Methyl methacrylate	9.381	41	25043	19.754	ug/l #	83
49) 1,4-Dioxane	9.387	88	6638	406.676	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	152368	105.354	ug/l	92
52) Toluene	10.334	92	132214	18.309	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	66210	18.536	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	80087	18.640	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	41252	19.880	ug/l	93
56) Ethyl methacrylate	10.598	69	47460	19.303	ug/l	90
57) 1,3-Dichloropropane	10.881	76	68852	19.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	101732	89.720	ug/l	91
59) 2-Hexanone	10.922	43	103894	103.003	ug/l	93
60) Dibromochloromethane	11.075	129	49545	18.277	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35984	18.510	ug/l	97
64) Tetrachloroethene	10.810	164	42224	17.063	ug/l	94
65) Chlorobenzene	11.604	112	148366	18.257	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	50215	18.781	ug/l	97
67) Ethyl Benzene	11.681	91	237960	17.886	ug/l	99
68) m/p-Xylenes	11.792	106	185257	35.099	ug/l	91
69) o-Xylene	12.116	106	85001	17.570	ug/l	87
70) Styrene	12.134	104	158270	18.660	ug/l	98
71) Bromoform	12.298	173	28750	19.020	ug/l #	95
73) Isopropylbenzene	12.416	105	218092	17.919	ug/l	100
74) N-amyl acetate	12.234	43	54504	19.609	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	50617	20.618	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	37060m	22.436	ug/l	
77) Bromobenzene	12.698	156	54066	17.063	ug/l	84
78) n-propylbenzene	12.757	91	276936	17.532	ug/l	98
79) 2-Chlorotoluene	12.845	91	158848	18.060	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	182761	17.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	16150	18.648	ug/l	93
82) 4-Chlorotoluene	12.945	91	167060	18.219	ug/l	96
83) tert-Butylbenzene	13.163	119	158111	18.009	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	185019	17.979	ug/l	99
85) sec-Butylbenzene	13.345	105	241679	17.261	ug/l	100
86) p-Isopropyltoluene	13.457	119	201030	17.880	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	113855	17.346	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	114318	17.715	ug/l	97
89) n-Butylbenzene	13.786	91	189301	18.085	ug/l	99
90) Hexachloroethane	14.051	117	42584	17.389	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	101281	18.055	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6372	19.507	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	55323	15.653	ug/l	95
94) Hexachlorobutadiene	15.198	225	30193	15.828	ug/l	97
95) Naphthalene	15.328	128	110508	18.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	50695	16.306	ug/l	98

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

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