

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079667.D
 Acq On : 08 Aug 2024 15:17
 Operator : RP/MD
 Sample : VD0808SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 09 01:07:40 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	174894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	330058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103047	57.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	116.000%		
35) Dibromofluoromethane	7.799	113	105537	47.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.480%		
50) Toluene-d8	10.269	98	416540	48.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.569	95	121040	48.214	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	29183	21.296	ug/l	99
3) Chloromethane	2.146	50	58249	23.070	ug/l	100
4) Vinyl Chloride	2.281	62	70588	23.513	ug/l	100
5) Bromomethane	2.675	94	52739	26.599	ug/l	97
6) Chloroethane	2.828	64	49808	25.819	ug/l	100
7) Trichlorofluoromethane	3.169	101	70021	23.453	ug/l	99
8) Diethyl Ether	3.593	74	23868	26.465	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.958	101	41455	21.954	ug/l	97
10) Methyl Iodide	4.158	142	39903	18.906	ug/l	96
11) Tert butyl alcohol	5.058	59	15994	202.394	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	42604	22.545	ug/l	87
13) Acrolein	3.805	56	16030	123.444	ug/l	99
14) Allyl chloride	4.564	41	66503	26.651	ug/l #	83
15) Acrylonitrile	5.246	53	61586	146.135	ug/l	97
16) Acetone	4.022	43	40183	116.372	ug/l	96
17) Carbon Disulfide	4.264	76	112213	17.990	ug/l	98
18) Methyl Acetate	4.569	43	32167	30.004	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	104301	27.040	ug/l	97
20) Methylene Chloride	4.799	84	73989	20.835	ug/l #	81
21) trans-1,2-Dichloroethene	5.311	96	48463	22.829	ug/l #	82
22) Diisopropyl ether	6.210	45	156718	28.227	ug/l #	89
23) Vinyl Acetate	6.158	43	586840	140.607	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	98558	26.489	ug/l	97
25) 2-Butanone	7.081	43	69123	141.201	ug/l	92
26) 2,2-Dichloropropane	7.069	77	69536	23.105	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	60572	24.963	ug/l	85
28) Bromochloromethane	7.428	49	41357	25.348	ug/l #	65
29) Tetrahydrofuran	7.446	42	45175	148.906	ug/l #	80
30) Chloroform	7.599	83	99120	26.307	ug/l	99
31) Cyclohexane	7.881	56	63406	21.487	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	75776	24.372	ug/l	96
36) 1,1-Dichloropropene	8.005	75	62692	20.560	ug/l	95
37) Ethyl Acetate	7.175	43	33569	26.852	ug/l #	91
38) Carbon Tetrachloride	7.993	117	65659	20.484	ug/l	99
39) Methylcyclohexane	9.275	83	67803	18.637	ug/l	91
40) Benzene	8.252	78	211631	21.852	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16350	23.776	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	53780	23.304	ug/l	97
43) Isopropyl Acetate	8.363	43	58506	24.901	ug/l	94
44) Trichloroethene	9.034	130	49833	20.670	ug/l	89
45) 1,2-Dichloropropane	9.304	63	54752	23.231	ug/l	98
46) Dibromomethane	9.393	93	28603	21.892	ug/l	91
47) Bromodichloromethane	9.587	83	73975	23.058	ug/l	96
48) Methyl methacrylate	9.381	41	26607	25.304	ug/l #	79
49) 1,4-Dioxane	9.381	88	6486	479.078	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	160062	133.432	ug/l	93
52) Toluene	10.334	92	131195	21.904	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	67803	22.886	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	80337	22.543	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	40864	23.742	ug/l	93
56) Ethyl methacrylate	10.593	69	48597	23.830	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	70116	23.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	97498	103.668	ug/l	90
59) 2-Hexanone	10.916	43	108005	129.098	ug/l	90
60) Dibromochloromethane	11.075	129	49009	21.797	ug/l	98
61) 1,2-Dibromoethane	11.181	107	34971	21.688	ug/l	95
64) Tetrachloroethene	10.810	164	38650	19.131	ug/l	95
65) Chlorobenzene	11.604	112	146317	22.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	49056	22.473	ug/l	96
67) Ethyl Benzene	11.681	91	233812	21.527	ug/l	99
68) m/p-Xylenes	11.787	106	186496	43.280	ug/l	89
69) o-Xylene	12.122	106	88832	22.491	ug/l	93
70) Styrene	12.134	104	155000	22.384	ug/l	96
71) Bromoform	12.293	173	26830	21.742	ug/l #	99
73) Isopropylbenzene	12.416	105	223350	22.292	ug/l	99
74) N-amyl acetate	12.234	43	59530	27.312	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	47935	24.900	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	34936m	26.971	ug/l	
77) Bromobenzene	12.698	156	52266	21.034	ug/l	82
78) n-propylbenzene	12.757	91	282482	22.805	ug/l	97
79) 2-Chlorotoluene	12.845	91	157243	22.798	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	187736	22.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	16326	24.039	ug/l	95
82) 4-Chlorotoluene	12.945	91	164547	22.885	ug/l	96
83) tert-Butylbenzene	13.163	119	157135	21.854	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	187142	22.197	ug/l	99
85) sec-Butylbenzene	13.339	105	245246	22.337	ug/l	99
86) p-Isopropyltoluene	13.457	119	199852	21.626	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	108290	21.039	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	109512	21.641	ug/l	97
89) n-Butylbenzene	13.787	91	183759	21.487	ug/l	97
90) Hexachloroethane	14.051	117	41871	21.803	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	95882	21.797	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6500	25.376	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	53708	19.378	ug/l	99
94) Hexachlorobutadiene	15.198	225	27289	18.243	ug/l	98
95) Naphthalene	15.328	128	109745	22.878	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	49048	20.118	ug/l	96

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

