

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079790.D
 Acq On : 05 Sep 2024 17:26
 Operator : RP/MD
 Sample : VD0905SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/06/2024
 Supervised By :Mahesh Dadoda 09/06/2024

Quant Time: Sep 06 01:38:57 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	98709	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	205168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	95899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79689	59.210	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.420%			
35) Dibromofluoromethane	7.804	113	69795	52.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.680%			
50) Toluene-d8	10.269	98	312345	54.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.569	95	87395	54.611	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24922	21.027	ug/l	97
3) Chloromethane	2.146	50	56809	23.008	ug/l	97
4) Vinyl Chloride	2.281	62	65627	22.062	ug/l	99
5) Bromomethane	2.675	94	45639	22.163	ug/l	96
6) Chloroethane	2.828	64	46860	23.236	ug/l	97
7) Trichlorofluoromethane	3.169	101	46321	20.629	ug/l	88
8) Diethyl Ether	3.593	74	14326	20.109	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.963	101	24690	19.638	ug/l	90
10) Methyl Iodide	4.158	142	24003	16.569	ug/l	91
11) Tert butyl alcohol	5.063	59	9199	138.594	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	26408	20.006	ug/l	86
13) Acrolein	3.799	56	13302	102.798	ug/l	96
14) Allyl chloride	4.563	41	39136	20.124	ug/l #	87
15) Acrylonitrile	5.258	53	37028	115.266	ug/l	97
16) Acetone	4.028	43	35928	128.638	ug/l	92
17) Carbon Disulfide	4.269	76	91701	18.998	ug/l	96
18) Methyl Acetate	4.569	43	16738	20.907	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	62304	21.567	ug/l	94
20) Methylene Chloride	4.799	84	48913	27.947	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	29778	20.326	ug/l #	85
22) Diisopropyl ether	6.216	45	91303	22.308	ug/l #	84
23) Vinyl Acetate	6.157	43	263199	120.025	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	55456	20.721	ug/l	93
25) 2-Butanone	7.087	43	43713	117.317	ug/l #	88
26) 2,2-Dichloropropane	7.081	77	42514	20.417	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	33762	20.093	ug/l	86
28) Bromochloromethane	7.428	49	25339	21.301	ug/l #	58
29) Tetrahydrofuran	7.446	42	25711	111.560	ug/l #	79
30) Chloroform	7.593	83	55179	20.769	ug/l	100
31) Cyclohexane	7.875	56	45122	20.054	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	44611	20.159	ug/l	95
36) 1,1-Dichloropropene	8.010	75	36625	18.529	ug/l	94
37) Ethyl Acetate	7.169	43	19865	22.742	ug/l #	91
38) Carbon Tetrachloride	7.993	117	39289	18.638	ug/l	99
39) Methylcyclohexane	9.275	83	42297	17.572	ug/l	91
40) Benzene	8.252	78	125963	19.108	ug/l #	89

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11405	22.817	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	32364	20.018	ug/l	96
43) Isopropyl Acetate	8.363	43	35315	21.671	ug/l #	92
44) Trichloroethene	9.022	130	25594	18.193	ug/l	98
45) 1,2-Dichloropropane	9.304	63	30263	19.017	ug/l #	88
46) Dibromomethane	9.398	93	15353	18.239	ug/l #	86
47) Bromodichloromethane	9.587	83	41401	19.694	ug/l	96
48) Methyl methacrylate	9.381	41	15386	19.562	ug/l #	82
49) 1,4-Dioxane	9.393	88	3347	395.755	ug/l #	63
51) 4-Methyl-2-Pentanone	10.157	43	93015	109.274	ug/l	92
52) Toluene	10.328	92	75184	18.858	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	38704	19.529	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	46231	19.584	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	21365	19.401	ug/l	94
56) Ethyl methacrylate	10.593	69	27330	19.806	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	38021	19.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	60400	106.381	ug/l #	86
59) 2-Hexanone	10.922	43	66480	113.148	ug/l	90
60) Dibromochloromethane	11.075	129	25404	18.754	ug/l	97
61) 1,2-Dibromoethane	11.175	107	18984	19.670	ug/l	98
64) Tetrachloroethene	10.810	164	19110	16.583	ug/l	89
65) Chlorobenzene	11.604	112	78874	18.120	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	25717	17.986	ug/l	98
67) Ethyl Benzene	11.681	91	136359	17.771	ug/l	98
68) m/p-Xylenes	11.792	106	107921	36.638	ug/l	89
69) o-Xylene	12.116	106	50964	18.564	ug/l	93
70) Styrene	12.134	104	87323	18.223	ug/l	92
71) Bromoform	12.292	173	13467	18.781	ug/l #	95
73) Isopropylbenzene	12.416	105	124550	18.248	ug/l	98
74) N-amyl acetate	12.228	43	35064	21.615	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	25842	19.724	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	15789m	19.263	ug/l	
77) Bromobenzene	12.698	156	26441	17.406	ug/l	69
78) n-propylbenzene	12.757	91	158913	18.842	ug/l	93
79) 2-Chlorotoluene	12.845	91	88433	18.822	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	105588	18.608	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	9548	19.429	ug/l	95
82) 4-Chlorotoluene	12.945	91	96212	19.660	ug/l	92
83) tert-Butylbenzene	13.163	119	85490	18.130	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	112337	19.192	ug/l	93
85) sec-Butylbenzene	13.339	105	136985	19.001	ug/l	98
86) p-Isopropyltoluene	13.457	119	117214	19.469	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	59099	18.123	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	59304	18.188	ug/l	95
89) n-Butylbenzene	13.787	91	111965	19.386	ug/l	96
90) Hexachloroethane	14.051	117	22217	18.225	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	50910	18.230	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.434	75	3939	20.592	ug/l	64
93) 1,2,4-Trichlorobenzene	15.098	180	26995	17.599	ug/l	96
94) Hexachlorobutadiene	15.192	225	14364	19.474	ug/l	93
95) Naphthalene	15.328	128	62813	20.180	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	24030	17.929	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

