

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079784.D
 Acq On : 05 Sep 2024 14:39
 Operator : RP/MD
 Sample : VD0905SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBS02

Quant Time: Sep 06 01:37:12 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106152	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	221834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86185	59.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.100%			
35) Dibromofluoromethane	7.804	113	75516	52.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.269	98	333190	53.879	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.569	95	93220	53.874	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	28306	22.207	ug/l	97
3) Chloromethane	2.146	50	62400	23.500	ug/l	92
4) Vinyl Chloride	2.281	62	73487	22.972	ug/l	99
5) Bromomethane	2.681	94	50474	22.793	ug/l	95
6) Chloroethane	2.834	64	50434	23.255	ug/l	100
7) Trichlorofluoromethane	3.175	101	49676	20.572	ug/l	99
8) Diethyl Ether	3.593	74	15984	20.864	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.969	101	26940	19.925	ug/l	91
10) Methyl Iodide	4.163	142	28005	17.976	ug/l #	89
11) Tert butyl alcohol	5.052	59	9158	128.302	ug/l #	97
12) 1,1-Dichloroethene	3.940	96	30052	21.170	ug/l	93
13) Acrolein	3.799	56	13753	98.831	ug/l	90
14) Allyl chloride	4.563	41	47832	22.871	ug/l #	85
15) Acrylonitrile	5.252	53	40054	115.943	ug/l	95
16) Acetone	4.022	43	36864	122.735	ug/l	90
17) Carbon Disulfide	4.269	76	104627	20.156	ug/l	99
18) Methyl Acetate	4.569	43	19003	22.072	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	66164	21.297	ug/l	99
20) Methylene Chloride	4.805	84	44700	23.342	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	32214	20.447	ug/l #	78
22) Diisopropyl ether	6.210	45	98915	22.474	ug/l #	85
23) Vinyl Acetate	6.152	43	286989	121.580	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	61513	21.372	ug/l	97
25) 2-Butanone	7.081	43	46309	115.570	ug/l #	81
26) 2,2-Dichloropropane	7.081	77	48269	21.556	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	34806	19.262	ug/l	75
28) Bromochloromethane	7.422	49	28270	22.099	ug/l #	59
29) Tetrahydrofuran	7.446	42	28401	114.592	ug/l #	78
30) Chloroform	7.593	83	59697	20.894	ug/l	97
31) Cyclohexane	7.881	56	49550	20.478	ug/l	89
32) 1,1,1-Trichloroethane	7.799	97	49726	20.895	ug/l	93
36) 1,1-Dichloropropene	8.010	75	41153	19.256	ug/l	93
37) Ethyl Acetate	7.175	43	22370	23.686	ug/l #	91
38) Carbon Tetrachloride	7.987	117	43429	19.054	ug/l	95
39) Methylcyclohexane	9.275	83	49408	18.984	ug/l	92
40) Benzene	8.251	78	138087	19.374	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10628	19.665	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	35682	20.413	ug/l	88
43) Isopropyl Acetate	8.357	43	36760	20.863	ug/l #	94
44) Trichloroethene	9.028	130	28643	18.830	ug/l	78
45) 1,2-Dichloropropane	9.304	63	34270	19.918	ug/l	99
46) Dibromomethane	9.393	93	16993	18.670	ug/l #	83
47) Bromodichloromethane	9.581	83	43188	19.000	ug/l #	99
48) Methyl methacrylate	9.375	41	18110	21.295	ug/l #	78
49) 1,4-Dioxane	9.381	88	3681	402.548	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	97222	105.636	ug/l	91
52) Toluene	10.334	92	83096	19.277	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	42136	19.664	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50094	19.626	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	22648	19.021	ug/l	95
56) Ethyl methacrylate	10.598	69	30681	20.564	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	41420	19.297	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	68945	112.073	ug/l #	86
59) 2-Hexanone	10.922	43	70122	110.875	ug/l	90
60) Dibromochloromethane	11.069	129	27000	18.435	ug/l	97
61) 1,2-Dibromoethane	11.175	107	20207	19.365	ug/l	100
64) Tetrachloroethene	10.810	164	20834	17.397	ug/l #	83
65) Chlorobenzene	11.604	112	84314	18.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	28214	18.987	ug/l	95
67) Ethyl Benzene	11.681	91	151094	18.947	ug/l	95
68) m/p-Xylenes	11.792	106	117395	38.350	ug/l	88
69) o-Xylene	12.122	106	53634	18.799	ug/l	88
70) Styrene	12.134	104	97620	19.603	ug/l	94
71) Bromoform	12.298	173	13334	17.893	ug/l #	99
73) Isopropylbenzene	12.416	105	135963	19.202	ug/l	100
74) N-amyl acetate	12.228	43	36828	21.883	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	26405	19.427	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20013m	23.536	ug/l	
77) Bromobenzene	12.698	156	28898	18.338	ug/l	69
78) n-propylbenzene	12.763	91	173629	19.844	ug/l	95
79) 2-Chlorotoluene	12.845	91	96663	19.831	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	117557	19.970	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	9667	18.962	ug/l	89
82) 4-Chlorotoluene	12.945	91	103654	20.417	ug/l	93
83) tert-Butylbenzene	13.163	119	94311	19.279	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	118870	19.575	ug/l	96
85) sec-Butylbenzene	13.339	105	149562	19.997	ug/l	96
86) p-Isopropyltoluene	13.457	119	122176	19.543	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	62574	18.496	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	63525	18.780	ug/l	94
89) n-Butylbenzene	13.786	91	120247	20.069	ug/l	97
90) Hexachloroethane	14.051	117	25601	20.244	ug/l	81
91) 1,2-Dichlorobenzene	13.828	146	54735	18.893	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4151	20.918	ug/l	63
93) 1,2,4-Trichlorobenzene	15.092	180	30212	18.986	ug/l	96
94) Hexachlorobutadiene	15.204	225	14547	19.010	ug/l	92
95) Naphthalene	15.328	128	64202	19.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	25193	18.119	ug/l	96

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

