

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079756.D
 Acq On : 30 Aug 2024 15:45
 Operator : RP/MD
 Sample : VD0830SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBS01

Quant Time: Aug 31 04:44:17 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 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83087	46.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.340%		
35) Dibromofluoromethane	7.804	113	77250	46.834	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.660%		
50) Toluene-d8	10.269	98	347294	49.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.569	95	94573	47.779	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32487	20.719	ug/l	89
3) Chloromethane	2.146	50	70647	21.628	ug/l	94
4) Vinyl Chloride	2.281	62	81738	20.771	ug/l	97
5) Bromomethane	2.681	94	59515	21.847	ug/l	95
6) Chloroethane	2.834	64	57088	21.398	ug/l	99
7) Trichlorofluoromethane	3.169	101	61869	20.828	ug/l	93
8) Diethyl Ether	3.593	74	18117	19.224	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.969	101	34625	20.818	ug/l	92
10) Methyl Iodide	4.157	142	33357	17.406	ug/l #	89
11) Tert butyl alcohol	5.063	59	8481m	96.588	ug/l	
12) 1,1-Dichloroethene	3.940	96	37044	21.213	ug/l	90
13) Acrolein	3.799	56	18018	105.256	ug/l	97
14) Allyl chloride	4.557	41	53920	20.959	ug/l #	86
15) Acrylonitrile	5.257	53	43666	102.751	ug/l	96
16) Acetone	4.022	43	37870	102.495	ug/l	98
17) Carbon Disulfide	4.269	76	132817	20.800	ug/l	99
18) Methyl Acetate	4.563	43	18616	17.577	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	75822	19.840	ug/l	93
20) Methylene Chloride	4.799	84	53329	22.556	ug/l #	77
21) trans-1,2-Dichloroethene	5.316	96	40300	20.794	ug/l	89
22) Diisopropyl ether	6.222	45	116895	21.590	ug/l #	92
23) Vinyl Acetate	6.157	43	330001	114.176	ug/l	93
24) 1,1-Dichloroethane	6.116	63	73876	20.866	ug/l #	92
25) 2-Butanone	7.087	43	51226	103.924	ug/l	95
26) 2,2-Dichloropropane	7.075	77	58666	21.297	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	45167	20.319	ug/l	86
28) Bromochloromethane	7.422	49	34318	21.808	ug/l #	61
29) Tetrahydrofuran	7.445	42	31035	101.793	ug/l #	76
30) Chloroform	7.598	83	72348	20.584	ug/l	99
31) Cyclohexane	7.881	56	60572	20.350	ug/l	85
32) 1,1,1-Trichloroethane	7.798	97	61896	21.143	ug/l	96
36) 1,1-Dichloropropene	8.010	75	52689	21.551	ug/l	95
37) Ethyl Acetate	7.169	43	23680	21.918	ug/l #	93
38) Carbon Tetrachloride	7.993	117	53100	20.365	ug/l	95
39) Methylcyclohexane	9.275	83	62195	20.890	ug/l	89
40) Benzene	8.251	78	168999	20.728	ug/l	97

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41) Methacrylonitrile	7.410	41	11631m	18.813	ug/l	
42) 1,2-Dichloroethane	8.322	62	41000	20.504	ug/l	94
43) Isopropyl Acetate	8.357	43	41851	20.764	ug/l	94
44) Trichloroethene	9.028	130	36927	21.222	ug/l	86
45) 1,2-Dichloropropane	9.304	63	40431	20.542	ug/l #	88
46) Dibromomethane	9.398	93	21050	20.218	ug/l #	86
47) Bromodichloromethane	9.581	83	51883	19.954	ug/l	94
48) Methyl methacrylate	9.381	41	20484	21.056	ug/l #	77
49) 1,4-Dioxane	9.387	88	3569	341.191	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	109267	103.785	ug/l	92
52) Toluene	10.334	92	107124	21.724	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	49753	20.297	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	61285	20.989	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	27952	20.521	ug/l	95
56) Ethyl methacrylate	10.592	69	35289	20.677	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	49348	20.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	80924	114.870	ug/l #	86
59) 2-Hexanone	10.922	43	75328	105.353	ug/l	91
60) Dibromochloromethane	11.075	129	33886	20.225	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24191	20.266	ug/l	95
64) Tetrachloroethene	10.810	164	28633	20.345	ug/l	92
65) Chlorobenzene	11.604	112	106228	19.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	34833	19.947	ug/l	95
67) Ethyl Benzene	11.681	91	184604	19.699	ug/l	99
68) m/p-Xylenes	11.792	106	147121	40.897	ug/l	88
69) o-Xylene	12.122	106	66372	19.796	ug/l	87
70) Styrene	12.133	104	120028	20.510	ug/l	96
71) Bromoform	12.298	173	17299	19.754	ug/l #	98
73) Isopropylbenzene	12.416	105	169348	20.278	ug/l	99
74) N-amyl acetate	12.233	43	41707	21.012	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	31471	19.631	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	20685m	20.625	ug/l	
77) Bromobenzene	12.698	156	35918	19.324	ug/l	75
78) n-propylbenzene	12.763	91	218983	21.220	ug/l	95
79) 2-Chlorotoluene	12.845	91	119560	20.797	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	147356	21.224	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	11630	19.341	ug/l	91
82) 4-Chlorotoluene	12.945	91	127557	21.302	ug/l	95
83) tert-Butylbenzene	13.163	119	121542	21.066	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	146474	20.451	ug/l	99
85) sec-Butylbenzene	13.339	105	187148	21.216	ug/l	98
86) p-Isopropyltoluene	13.457	119	157020	20.960	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	80532	20.182	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	81364	20.394	ug/l	97
89) n-Butylbenzene	13.786	91	150057	21.233	ug/l	97
90) Hexachloroethane	14.051	117	30177	20.231	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	68918	20.169	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4461	19.060	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	37613	20.041	ug/l	98
94) Hexachlorobutadiene	15.198	225	18246	20.216	ug/l	97
95) Naphthalene	15.327	128	73798	19.377	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.516	180	31891	19.446	ug/l	98

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

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