

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076155.D
 Acq On : 19 May 2023 14:13
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Quant Time: May 22 01:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94668	52.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.900%			
35) Dibromofluoromethane	7.804	113	108350	46.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.980%			
50) Toluene-d8	10.269	98	424198	46.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.380%			
62) 4-Bromofluorobenzene	12.575	95	115760	45.868	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	38815	23.044	ug/l	91
3) Chloromethane	2.146	50	73856	24.428	ug/l	99
4) Vinyl Chloride	2.281	62	91200	25.106	ug/l	97
5) Bromomethane	2.675	94	58293	23.835	ug/l	98
6) Chloroethane	2.828	64	60758	24.861	ug/l	94
7) Trichlorofluoromethane	3.163	101	70040	22.748	ug/l	95
8) Diethyl Ether	3.587	74	21953	21.681	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.963	101	47353	23.348	ug/l	90
10) Methyl Iodide	4.157	142	45994	21.811	ug/l	91
11) Tert butyl alcohol	5.051	59	11664	122.160	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	44039	21.818	ug/l	95
13) Acrolein	3.793	56	21953	93.944	ug/l	97
14) Allyl chloride	4.557	41	45588	22.254	ug/l #	81
15) Acrylonitrile	5.257	53	47179	112.533	ug/l	97
16) Acetone	4.016	43	44582	124.140	ug/l	91
17) Carbon Disulfide	4.263	76	130704	22.381	ug/l	98
18) Methyl Acetate	4.569	43	28562	22.295	ug/l #	80
19) Methyl tert-butyl Ether	5.310	73	85166	21.557	ug/l	99
20) Methylene Chloride	4.799	84	69443	18.417	ug/l #	78
21) trans-1,2-Dichloroethene	5.304	96	51034	21.937	ug/l #	79
22) Diisopropyl ether	6.216	45	109221	22.970	ug/l #	91
23) Vinyl Acetate	6.157	43	196832m	105.279	ug/l	
24) 1,1-Dichloroethane	6.116	63	85867	22.898	ug/l	98
25) 2-Butanone	7.075	43	54794	121.345	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	72135	23.591	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	56541	21.902	ug/l	86
28) Bromochloromethane	7.422	49	28081	22.458	ug/l #	68
29) Tetrahydrofuran	7.440	42	29886	113.552	ug/l #	69
30) Chloroform	7.593	83	91842	22.902	ug/l	95
31) Cyclohexane	7.875	56	62408	22.576	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	72638	22.729	ug/l	98
36) 1,1-Dichloropropene	8.004	75	62875	19.976	ug/l	94
37) Ethyl Acetate	7.169	43	22048	20.229	ug/l #	85
38) Carbon Tetrachloride	7.987	117	54894	19.308	ug/l	94
39) Methylcyclohexane	9.275	83	70077	19.338	ug/l	96
40) Benzene	8.251	78	204148	20.174	ug/l	97

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41) Methacrylonitrile	7.387	41	11398	19.072	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	49939	20.864	ug/l	95
43) Isopropyl Acetate	8.357	43	40436	19.860	ug/l #	82
44) Trichloroethene	9.028	130	53299	18.689	ug/l	94
45) 1,2-Dichloropropane	9.304	63	49379	19.783	ug/l	93
46) Dibromomethane	9.392	93	28280	20.213	ug/l	98
47) Bromodichloromethane	9.581	83	67644	20.117	ug/l	92
48) Methyl methacrylate	9.381	41	18029	20.007	ug/l #	64
49) 1,4-Dioxane	9.381	88	5439	363.530	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	107938	99.678	ug/l #	80
52) Toluene	10.334	92	129967	20.563	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	59838	19.744	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	74292	20.087	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	40913	20.391	ug/l	94
56) Ethyl methacrylate	10.598	69	37747	18.717	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	62078	19.721	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	93114	96.230	ug/l	92
59) 2-Hexanone	10.922	43	78550	102.859	ug/l	78
60) Dibromochloromethane	11.075	129	44553	19.749	ug/l	97
61) 1,2-Dibromoethane	11.181	107	36759	20.596	ug/l	99
64) Tetrachloroethene	10.810	164	42222	17.432	ug/l	95
65) Chlorobenzene	11.610	112	137291	19.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.686	131	46798	18.964	ug/l	95
67) Ethyl Benzene	11.686	91	216637	18.906	ug/l	95
68) m/p-Xylenes	11.792	106	184821	39.465	ug/l	91
69) o-Xylene	12.122	106	80622	18.867	ug/l	93
70) Styrene	12.139	104	146454	19.768	ug/l	94
71) Bromoform	12.298	173	25014	18.020	ug/l #	95
73) Isopropylbenzene	12.422	105	206590	19.848	ug/l	99
74) N-amyl acetate	12.233	43	35549	19.175	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	46296	20.695	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	25140m	18.259	ug/l	
77) Bromobenzene	12.704	156	53768	19.273	ug/l	93
78) n-propylbenzene	12.763	91	265349	20.482	ug/l	100
79) 2-Chlorotoluene	12.851	91	143172	19.968	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	174802	20.259	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12981	19.778	ug/l #	74
82) 4-Chlorotoluene	12.945	91	157469	20.647	ug/l	95
83) tert-Butylbenzene	13.169	119	142099	19.487	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	172765	20.105	ug/l	94
85) sec-Butylbenzene	13.345	105	229321	20.179	ug/l	100
86) p-Isopropyltoluene	13.463	119	186648	20.072	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	108309	19.202	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109568	19.618	ug/l	98
89) n-Butylbenzene	13.786	91	173504	19.799	ug/l	99
90) Hexachloroethane	14.051	117	37782	19.753	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	97247	19.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5734	19.741	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	49909	17.334	ug/l	99
94) Hexachlorobutadiene	15.204	225	23474	15.990	ug/l	98
95) Naphthalene	15.333	128	97064	18.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43299	16.535	ug/l	97

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

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