

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076189.D
 Acq On : 23 May 2023 12:05
 Operator : KP/SY
 Sample : VY0523SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0523SBS01

Quant Time: May 23 15:02:09 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 05/24/2023
 Supervised By :Mahesh Dadoda 05/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	189472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	333065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	161205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90776	49.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.804	113	104056	45.198	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.400%		
50) Toluene-d8	10.269	98	415980	46.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.700%		
62) 4-Bromofluorobenzene	12.575	95	117717	47.219	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34496	20.187	ug/l	96
3) Chloromethane	2.146	50	68427	21.886	ug/l	94
4) Vinyl Chloride	2.281	62	84775	23.003	ug/l	95
5) Bromomethane	2.675	94	56080	22.602	ug/l	97
6) Chloroethane	2.828	64	58013	23.398	ug/l	93
7) Trichlorofluoromethane	3.169	101	65625	21.009	ug/l	98
8) Diethyl Ether	3.587	74	19679	19.157	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.963	101	43730	21.253	ug/l	94
10) Methyl Iodide	4.163	142	44934	21.003	ug/l	94
11) Tert butyl alcohol	5.069	59	9753	100.684	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	40921	19.983	ug/l	89
13) Acrolein	3.793	56	19315	81.472	ug/l	95
14) Allyl chloride	4.557	41	41959	20.189	ug/l #	80
15) Acrylonitrile	5.257	53	44957	105.698	ug/l	94
16) Acetone	4.016	43	38494	105.654	ug/l #	87
17) Carbon Disulfide	4.269	76	125362	20.998	ug/l	97
18) Methyl Acetate	4.563	43	26669	20.520	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	79254	19.773	ug/l	99
20) Methylene Chloride	4.799	84	70620	18.487	ug/l #	77
21) trans-1,2-Dichloroethene	5.310	96	46963	19.899	ug/l #	77
22) Diisopropyl ether	6.222	45	102088	21.162	ug/l #	91
23) Vinyl Acetate	6.157	43	230057	121.289	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	79743	20.960	ug/l	99
25) 2-Butanone	7.087	43	48686	106.276	ug/l #	83
26) 2,2-Dichloropropane	7.069	77	64685	20.852	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	52556	20.067	ug/l	85
28) Bromochloromethane	7.428	49	27158	21.409	ug/l #	72
29) Tetrahydrofuran	7.440	42	27451	102.807	ug/l #	67
30) Chloroform	7.592	83	87079	21.403	ug/l	95
31) Cyclohexane	7.875	56	57789	20.606	ug/l #	71
32) 1,1,1-Trichloroethane	7.787	97	68043	20.986	ug/l	97
36) 1,1-Dichloropropene	8.004	75	60832	19.565	ug/l	95
37) Ethyl Acetate	7.175	43	19889	18.473	ug/l #	77
38) Carbon Tetrachloride	7.987	117	53355	18.998	ug/l	95
39) Methylcyclohexane	9.275	83	66503	18.578	ug/l	98
40) Benzene	8.251	78	192407	19.248	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	8795	14.898	ug/l #	49
42) 1,2-Dichloroethane	8.328	62	48084	20.337	ug/l	93
43) Isopropyl Acetate	8.357	43	37868	18.828	ug/l #	90
44) Trichloroethene	9.028	130	49860	17.699	ug/l	94
45) 1,2-Dichloropropane	9.304	63	47567	19.292	ug/l	96
46) Dibromomethane	9.392	93	26376	19.084	ug/l	97
47) Bromodichloromethane	9.586	83	65193	19.627	ug/l	89
48) Methyl methacrylate	9.381	41	16949	19.041	ug/l #	62
49) 1,4-Dioxane	9.386	88	5516	373.221	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	104650	97.833	ug/l #	85
52) Toluene	10.334	92	121706	19.494	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	55941	18.686	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70487	19.293	ug/l #	77
55) 1,1,2-Trichloroethane	10.733	97	38215	19.282	ug/l	94
56) Ethyl methacrylate	10.598	69	37063	18.605	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	60679	19.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	88702	92.800	ug/l	94
59) 2-Hexanone	10.922	43	73980	98.069	ug/l	77
60) Dibromochloromethane	11.075	129	42604	19.118	ug/l	97
61) 1,2-Dibromoethane	11.181	107	34796	19.736	ug/l	98
64) Tetrachloroethene	10.810	164	40181	17.085	ug/l	96
65) Chlorobenzene	11.604	112	130436	18.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44806	18.699	ug/l	95
67) Ethyl Benzene	11.686	91	205912	18.507	ug/l	99
68) m/p-Xylenes	11.792	106	173204	38.090	ug/l	92
69) o-Xylene	12.122	106	78180	18.842	ug/l	92
70) Styrene	12.133	104	138566	19.262	ug/l	93
71) Bromoform	12.298	173	23936	17.759	ug/l #	99
73) Isopropylbenzene	12.422	105	196577	18.434	ug/l	97
74) N-amyl acetate	12.233	43	35744	18.818	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.669	83	44325	19.340	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	23704m	16.803	ug/l	
77) Bromobenzene	12.698	156	49508	17.321	ug/l	95
78) n-propylbenzene	12.763	91	255137	19.221	ug/l	99
79) 2-Chlorotoluene	12.851	91	139247	18.955	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	169883	19.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12261	18.233	ug/l #	77
82) 4-Chlorotoluene	12.951	91	147743	18.907	ug/l	94
83) tert-Butylbenzene	13.169	119	137240	18.369	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	168740	19.166	ug/l	95
85) sec-Butylbenzene	13.345	105	220486	18.937	ug/l	99
86) p-Isopropyltoluene	13.463	119	177995	18.683	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	105828	18.313	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	105795	18.488	ug/l	98
89) n-Butylbenzene	13.786	91	165033	18.382	ug/l	98
90) Hexachloroethane	14.051	117	37144	18.954	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	93951	18.525	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5324	17.890	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	46279	15.688	ug/l	98
94) Hexachlorobutadiene	15.204	225	23415	15.567	ug/l	96
95) Naphthalene	15.333	128	87076	15.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	42601	15.879	ug/l	98

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

