

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077475.D
 Acq On : 01 Nov 2023 12:29
 Operator : JC/SY
 Sample : VD1101SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 00:53:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	249813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	445326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	163546	46.298	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.600%		
35) Dibromofluoromethane	7.810	113	141462	45.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.920%		
50) Toluene-d8	10.269	98	588420	49.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.575	95	184684	45.865	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	40569	20.140	ug/l	94
3) Chloromethane	2.152	50	63047	19.715	ug/l	95
4) Vinyl Chloride	2.287	62	67076	21.509	ug/l	99
5) Bromomethane	2.693	94	37103	22.705	ug/l	96
6) Chloroethane	2.834	64	47226	22.493	ug/l	98
7) Trichlorofluoromethane	3.175	101	85322	19.537	ug/l	97
8) Diethyl Ether	3.599	74	29658	18.892	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.969	101	52519	19.920	ug/l	92
10) Methyl Iodide	4.169	142	50999	17.501	ug/l #	90
11) Tert butyl alcohol	5.052	59	25575	91.398	ug/l #	83
12) 1,1-Dichloroethene	3.946	96	47211	18.915	ug/l #	70
13) Acrolein	3.799	56	34588	93.735	ug/l	94
14) Allyl chloride	4.563	41	111668	18.546	ug/l #	84
15) Acrylonitrile	5.252	53	83018	97.828	ug/l	98
16) Acetone	4.022	43	91825	98.236	ug/l #	74
17) Carbon Disulfide	4.275	76	98123	15.544	ug/l	99
18) Methyl Acetate	4.563	43	62945	18.461	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	147264	18.797	ug/l	92
20) Methylene Chloride	4.805	84	86063	23.195	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	52574	18.086	ug/l #	68
22) Diisopropyl ether	6.222	45	246514	19.263	ug/l #	88
23) Vinyl Acetate	6.157	43	526559m	95.375	ug/l	
24) 1,1-Dichloroethane	6.116	63	132145	19.901	ug/l	93
25) 2-Butanone	7.081	43	117565	94.294	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	111991	19.031	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	67885	18.850	ug/l	65
28) Bromochloromethane	7.428	49	45745	16.661	ug/l #	54
29) Tetrahydrofuran	7.446	42	69601	94.124	ug/l #	69
30) Chloroform	7.598	83	121425	19.585	ug/l	92
31) Cyclohexane	7.875	56	102519	18.565	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	102560	20.077	ug/l	94
36) 1,1-Dichloropropene	8.010	75	87026	19.070	ug/l	93
37) Ethyl Acetate	7.169	43	50011	19.096	ug/l #	87
38) Carbon Tetrachloride	7.993	117	83579	19.436	ug/l	97
39) Methylcyclohexane	9.275	83	95002	18.245	ug/l #	82
40) Benzene	8.251	78	251858	19.354	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	32006	19.099	ug/l #	69
42) 1,2-Dichloroethane	8.322	62	77189	18.728	ug/l	89
43) Isopropyl Acetate	8.363	43	100860	18.662	ug/l #	80
44) Trichloroethene	9.034	130	59714	18.733	ug/l	86
45) 1,2-Dichloropropane	9.304	63	75139	19.613	ug/l	99
46) Dibromomethane	9.398	93	32714	17.744	ug/l	91
47) Bromodichloromethane	9.587	83	91178	18.710	ug/l	97
48) Methyl methacrylate	9.381	41	47844	18.546	ug/l #	63
49) 1,4-Dioxane	9.393	88	6846	345.566	ug/l #	51
51) 4-Methyl-2-Pentanone	10.157	43	250558	94.188	ug/l #	80
52) Toluene	10.334	92	154616	19.490	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	95603	18.527	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	112311	18.914	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	46433	18.877	ug/l	93
56) Ethyl methacrylate	10.598	69	66816	18.269	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	87399	19.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	156481	85.465	ug/l #	84
59) 2-Hexanone	10.922	43	189308	96.602	ug/l	78
60) Dibromochloromethane	11.075	129	55043	18.609	ug/l	95
61) 1,2-Dibromoethane	11.181	107	41674	17.890	ug/l	98
64) Tetrachloroethene	10.810	164	46697	18.832	ug/l #	83
65) Chlorobenzene	11.610	112	159078	19.496	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	59865	19.415	ug/l	95
67) Ethyl Benzene	11.687	91	313608	19.975	ug/l	92
68) m/p-Xylenes	11.792	106	224905	39.670	ug/l	81
69) o-Xylene	12.122	106	109909	20.240	ug/l	82
70) Styrene	12.134	104	183764	19.616	ug/l #	91
71) Bromoform	12.304	173	31197	18.250	ug/l #	97
73) Isopropylbenzene	12.422	105	295111	20.711	ug/l	95
74) N-amyl acetate	12.234	43	96649	19.150	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	56089	20.081	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	41475m	19.498	ug/l	
77) Bromobenzene	12.698	156	58852	18.764	ug/l	69
78) n-propylbenzene	12.763	91	374746	20.713	ug/l	92
79) 2-Chlorotoluene	12.851	91	206718	20.179	ug/l	86
80) 1,3,5-Trimethylbenzene	12.904	105	240069	20.079	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	20904	18.983	ug/l	87
82) 4-Chlorotoluene	12.951	91	211487	19.820	ug/l	87
83) tert-Butylbenzene	13.169	119	205032	20.397	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	237945	20.034	ug/l	92
85) sec-Butylbenzene	13.345	105	322437	20.964	ug/l	93
86) p-Isopropyltoluene	13.463	119	256633	20.528	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	123390	20.014	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	120917	19.631	ug/l	95
89) n-Butylbenzene	13.786	91	268211	20.641	ug/l	97
90) Hexachloroethane	14.057	117	50833	19.870	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	105323	19.439	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8347	17.739	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	67637	18.172	ug/l	98
94) Hexachlorobutadiene	15.204	225	39899	19.873	ug/l	99
95) Naphthalene	15.333	128	132056	18.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	59729	18.591	ug/l	98

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

