

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076900.D
 Acq On : 02 Aug 2023 16:13
 Operator : KP/SY
 Sample : VD0802SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2023
 Supervised By :Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 01:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	170368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	302271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73598	43.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.740%		
35) Dibromofluoromethane	7.804	113	86017	45.284	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.560%		
50) Toluene-d8	10.269	98	280632	41.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.600%		
62) 4-Bromofluorobenzene	12.575	95	93758	42.651	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	28315	21.253	ug/l	94
3) Chloromethane	2.146	50	38857	16.908	ug/l	99
4) Vinyl Chloride	2.281	62	55809	18.217	ug/l	93
5) Bromomethane	2.675	94	47678	18.915	ug/l	99
6) Chloroethane	2.822	64	43617	18.857	ug/l	100
7) Trichlorofluoromethane	3.169	101	60689	22.263	ug/l	96
8) Diethyl Ether	3.587	74	17108	18.228	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	39941	22.290	ug/l	# 85
10) Methyl Iodide	4.158	142	37384	18.508	ug/l	91
11) Tert butyl alcohol	5.052	59	12748	100.674	ug/l	98
12) 1,1-Dichloroethene	3.940	96	32417	19.256	ug/l	90
13) Acrolein	3.793	56	8281	95.966	ug/l	97
14) Allyl chloride	4.558	41	41711	18.861	ug/l	92
15) Acrylonitrile	5.252	53	41995	91.102	ug/l	94
16) Acetone	4.028	43	36643	90.418	ug/l	94
17) Carbon Disulfide	4.269	76	61131	15.547	ug/l	99
18) Methyl Acetate	4.563	43	30720	20.176	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	84884	18.802	ug/l	94
20) Methylene Chloride	4.799	84	82765	30.224	ug/l	# 89
21) trans-1,2-Dichloroethene	5.305	96	36503	18.654	ug/l	97
22) Diisopropyl ether	6.210	45	101712	19.422	ug/l	95
23) Vinyl Acetate	6.157	43	230680m	89.026	ug/l	
24) 1,1-Dichloroethane	6.105	63	72059	20.408	ug/l	98
25) 2-Butanone	7.081	43	53645	98.907	ug/l	92
26) 2,2-Dichloropropane	7.075	77	64379	21.151	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	46474	19.265	ug/l	93
28) Bromochloromethane	7.422	49	18488	20.943	ug/l	84
29) Tetrahydrofuran	7.440	42	29096	90.795	ug/l	93
30) Chloroform	7.599	83	79357	20.520	ug/l	100
31) Cyclohexane	7.869	56	46054	18.441	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	69210	22.181	ug/l	96
36) 1,1-Dichloropropene	8.004	75	53251	21.454	ug/l	95
37) Ethyl Acetate	7.169	43	21879	19.710	ug/l	98
38) Carbon Tetrachloride	7.981	117	51468	21.655	ug/l	97
39) Methylcyclohexane	9.269	83	56991	19.885	ug/l	99
40) Benzene	8.251	78	152943	19.529	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12319	18.174	ug/l	92
42) 1,2-Dichloroethane	8.322	62	42740	21.003	ug/l	97
43) Isopropyl Acetate	8.363	43	41204	19.020	ug/l	94
44) Trichloroethene	9.028	130	43753	20.501	ug/l	99
45) 1,2-Dichloropropane	9.304	63	40993	20.277	ug/l	98
46) Dibromomethane	9.393	93	24144	20.403	ug/l	89
47) Bromodichloromethane	9.581	83	61320	20.649	ug/l	86
48) Methyl methacrylate	9.375	41	18026	18.282	ug/l	87
49) 1,4-Dioxane	9.393	88	5622	370.816	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	113626	98.512	ug/l	93
52) Toluene	10.334	92	101161	19.667	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	53895	19.553	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	64005	19.703	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	35048	20.283	ug/l	99
56) Ethyl methacrylate	10.598	69	37386	18.745	ug/l	90
57) 1,3-Dichloropropane	10.875	76	55434	19.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	74660	96.709	ug/l	96
59) 2-Hexanone	10.922	43	77348	93.981	ug/l	92
60) Dibromochloromethane	11.075	129	41373	20.610	ug/l	98
61) 1,2-Dibromoethane	11.181	107	31531	19.682	ug/l	99
64) Tetrachloroethene	10.804	164	34443	22.161	ug/l	88
65) Chlorobenzene	11.604	112	112460	20.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	43202	21.168	ug/l	96
67) Ethyl Benzene	11.681	91	193289	20.077	ug/l	97
68) m/p-Xylenes	11.792	106	150866	40.803	ug/l	92
69) o-Xylene	12.122	106	71291	19.939	ug/l	93
70) Styrene	12.134	104	124648	19.915	ug/l	97
71) Bromoform	12.298	173	23221	20.774	ug/l #	100
73) Isopropylbenzene	12.422	105	190802	20.207	ug/l	96
74) N-amyl acetate	12.234	43	38195	19.201	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	41556	20.498	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	24984m	20.186	ug/l	
77) Bromobenzene	12.698	156	43990	20.183	ug/l	84
78) n-propylbenzene	12.763	91	240477	21.007	ug/l	95
79) 2-Chlorotoluene	12.845	91	128782	20.518	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	156696	20.523	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	12268	21.095	ug/l	95
82) 4-Chlorotoluene	12.945	91	137413	20.957	ug/l	95
83) tert-Butylbenzene	13.169	119	138551	20.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	154834	19.845	ug/l	96
85) sec-Butylbenzene	13.345	105	219940	21.414	ug/l	95
86) p-Isopropyltoluene	13.463	119	177682	20.947	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	91881	20.496	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	92095	20.968	ug/l	98
89) n-Butylbenzene	13.786	91	171427	20.653	ug/l	98
90) Hexachloroethane	14.051	117	36500	23.275	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	80797	20.454	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5497	19.016	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	47890	19.858	ug/l	94
94) Hexachlorobutadiene	15.204	225	24655	21.257	ug/l	99
95) Naphthalene	15.333	128	100330	19.214	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	44929	20.760	ug/l	99

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

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