

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077043.D
 Acq On : 28 Aug 2023 16:04
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

Quant Time: Aug 29 02:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	186714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91565	49.809	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.620%		
35) Dibromofluoromethane	7.805	113	103411	47.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.269	98	389525	49.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.575	95	113894	48.798	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34928	19.550	ug/l	89
3) Chloromethane	2.146	50	68468	20.732	ug/l	99
4) Vinyl Chloride	2.276	62	78241	20.501	ug/l	99
5) Bromomethane	2.675	94	66813	20.469	ug/l	98
6) Chloroethane	2.828	64	55968	21.593	ug/l	98
7) Trichlorofluoromethane	3.164	101	70230	20.338	ug/l	98
8) Diethyl Ether	3.587	74	19943	21.096	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	40399	20.037	ug/l	96
10) Methyl Iodide	4.152	142	55856	21.730	ug/l	92
11) Tert butyl alcohol	5.064	59	10752	97.481	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	38343	19.169	ug/l	85
13) Acrolein	3.793	56	18755	90.871	ug/l	97
14) Allyl chloride	4.552	41	45392	20.571	ug/l	92
15) Acrylonitrile	5.252	53	41081	98.198	ug/l	98
16) Acetone	4.022	43	43301	103.339	ug/l #	78
17) Carbon Disulfide	4.269	76	128142	20.992	ug/l #	94
18) Methyl Acetate	4.569	43	27072	19.095	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	83184	19.175	ug/l	98
20) Methylene Chloride	4.799	84	63800	22.083	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	49044	20.815	ug/l	91
22) Diisopropyl ether	6.211	45	105600	21.363	ug/l	96
23) Vinyl Acetate	6.152	43	257550m	104.015	ug/l	
24) 1,1-Dichloroethane	6.105	63	77561	20.901	ug/l	99
25) 2-Butanone	7.075	43	51013	97.164	ug/l	90
26) 2,2-Dichloropropane	7.069	77	63558	19.245	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	54979	20.771	ug/l	98
28) Bromochloromethane	7.428	49	30373	22.914	ug/l	98
29) Tetrahydrofuran	7.440	42	30007	102.898	ug/l	90
30) Chloroform	7.593	83	85051	20.459	ug/l	93
31) Cyclohexane	7.875	56	58374	19.876	ug/l #	88
32) 1,1,1-Trichloroethane	7.787	97	73499	20.370	ug/l	98
36) 1,1-Dichloropropene	8.010	75	61504	19.730	ug/l	99
37) Ethyl Acetate	7.163	43	21263	18.913	ug/l	96
38) Carbon Tetrachloride	7.987	117	60847	19.306	ug/l	99
39) Methylcyclohexane	9.269	83	68717	18.963	ug/l	96
40) Benzene	8.252	78	188734	20.162	ug/l	99

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41) Methacrylonitrile	7.399	41	11429	18.435	ug/l	94
42) 1,2-Dichloroethane	8.322	62	49334	20.394	ug/l	97
43) Isopropyl Acetate	8.358	43	40135	18.789	ug/l	96
44) Trichloroethene	9.028	130	53373	20.009	ug/l	94
45) 1,2-Dichloropropane	9.305	63	44653	20.164	ug/l	96
46) Dibromomethane	9.393	93	26884	19.068	ug/l	96
47) Bromodichloromethane	9.587	83	65111	19.782	ug/l	99
48) Methyl methacrylate	9.381	41	18641	19.470	ug/l	88
49) 1,4-Dioxane	9.393	88	5562	368.252	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	106351	96.781	ug/l	92
52) Toluene	10.334	92	119961	19.886	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	59611	19.584	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	68472	18.914	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	36744	19.634	ug/l	96
56) Ethyl methacrylate	10.593	69	37598	19.049	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	59388	19.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	59959	150.533	ug/l	97
59) 2-Hexanone	10.922	43	76081	96.455	ug/l	90
60) Dibromochloromethane	11.075	129	45566	19.670	ug/l	92
61) 1,2-Dibromoethane	11.175	107	34597	19.312	ug/l	97
64) Tetrachloroethene	10.810	164	41706	18.586	ug/l #	87
65) Chlorobenzene	11.604	112	132497	19.612	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	47438	18.789	ug/l	97
67) Ethyl Benzene	11.681	91	221788	19.129	ug/l	93
68) m/p-Xylenes	11.793	106	177103	38.154	ug/l	94
69) o-Xylene	12.122	106	83374	19.650	ug/l	95
70) Styrene	12.134	104	144531	19.609	ug/l	98
71) Bromoform	12.299	173	27314	19.429	ug/l #	98
73) Isopropylbenzene	12.422	105	211589	19.480	ug/l	98
74) N-amyl acetate	12.234	43	36433	19.045	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	40819	19.222	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	27068m	18.031	ug/l	
77) Bromobenzene	12.698	156	53996	19.715	ug/l	98
78) n-propylbenzene	12.763	91	259419	19.544	ug/l	96
79) 2-Chlorotoluene	12.851	91	143441	19.766	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	179957	19.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12818	19.824	ug/l	96
82) 4-Chlorotoluene	12.946	91	149681	19.499	ug/l	97
83) tert-Butylbenzene	13.163	119	152800	19.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	180574	19.854	ug/l	98
85) sec-Butylbenzene	13.345	105	228338	19.288	ug/l	98
86) p-Isopropyltoluene	13.457	119	194042	19.222	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	110709	19.504	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	105299	19.123	ug/l	94
89) n-Butylbenzene	13.787	91	178194	19.220	ug/l	97
90) Hexachloroethane	14.057	117	38469	19.653	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	94877	19.613	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5532	18.707	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	54487	18.315	ug/l	98
94) Hexachlorobutadiene	15.204	225	30289	19.418	ug/l	97
95) Naphthalene	15.334	128	102890	18.647	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	51672	19.389	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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