

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077040.D
 Acq On : 28 Aug 2023 13:28
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082823

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 02:50:25 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	7.869	168	200801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91950	46.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.805	113	104305	45.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.900%		
50) Toluene-d8	10.269	98	378893	46.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.280%		
62) 4-Bromofluorobenzene	12.575	95	117076	48.352	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	89883	46.780	ug/l	97
3) Chloromethane	2.146	50	172555	53.065	ug/l	99
4) Vinyl Chloride	2.281	62	194850	47.473	ug/l	100
5) Bromomethane	2.687	94	161494	46.005	ug/l	99
6) Chloroethane	2.834	64	137821	49.443	ug/l	99
7) Trichlorofluoromethane	3.169	101	178965	48.192	ug/l	100
8) Diethyl Ether	3.593	74	53694	52.814	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	108219	49.908	ug/l	97
10) Methyl Iodide	4.158	142	150976	54.615	ug/l	92
11) Tert butyl alcohol	5.063	59	24667	207.950	ug/l	99
12) 1,1-Dichloroethene	3.934	96	106639	49.573	ug/l	90
13) Acrolein	3.793	56	59290	240.739	ug/l	99
14) Allyl chloride	4.552	41	124970	52.661	ug/l	94
15) Acrylonitrile	5.252	53	106055	235.723	ug/l	98
16) Acetone	4.016	43	102024	226.403	ug/l	88
17) Carbon Disulfide	4.264	76	316330	48.185	ug/l	99
18) Methyl Acetate	4.558	43	73057	47.914	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	234681	50.302	ug/l	97
20) Methylene Chloride	4.793	84	162299	57.970	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	129338	51.043	ug/l	99
22) Diisopropyl ether	6.210	45	288800	54.326	ug/l	98
23) Vinyl Acetate	6.152	43	686147	257.668	ug/l	98
24) 1,1-Dichloroethane	6.105	63	206489	51.741	ug/l	99
25) 2-Butanone	7.081	43	130123	230.457	ug/l	96
26) 2,2-Dichloropropane	7.075	77	181910	51.216	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	147357	51.765	ug/l	99
28) Bromochloromethane	7.428	49	65880	46.214	ug/l	95
29) Tetrahydrofuran	7.440	42	72971	232.673	ug/l	96
30) Chloroform	7.593	83	230213	51.492	ug/l	99
31) Cyclohexane	7.875	56	148846	47.125	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	198732	51.215	ug/l	97
36) 1,1-Dichloropropene	8.005	75	165337	51.127	ug/l	98
37) Ethyl Acetate	7.163	43	55925	47.950	ug/l	96
38) Carbon Tetrachloride	7.987	117	169735	51.912	ug/l	97
39) Methylcyclohexane	9.275	83	189921	50.520	ug/l	97
40) Benzene	8.252	78	504601	51.962	ug/l	100

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41) Methacrylonitrile	7.393	41	30619	47.608	ug/l #	95
42) 1,2-Dichloroethane	8.328	62	121622	48.464	ug/l	98
43) Isopropyl Acetate	8.357	43	106716	48.155	ug/l	94
44) Trichloroethene	9.028	130	139410	50.378	ug/l	92
45) 1,2-Dichloropropane	9.304	63	118001	51.365	ug/l	99
46) Dibromomethane	9.393	93	69916	47.801	ug/l	97
47) Bromodichloromethane	9.581	83	174451	51.091	ug/l #	99
48) Methyl methacrylate	9.381	41	51219	51.567	ug/l	84
49) 1,4-Dioxane	9.387	88	14035	895.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	273951	240.309	ug/l	93
52) Toluene	10.334	92	332649	53.155	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	162358	51.415	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	193043	51.402	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	92694	47.744	ug/l	96
56) Ethyl methacrylate	10.598	69	104053	50.818	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	155606	50.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	80030	205.367	ug/l	96
59) 2-Hexanone	10.922	43	197517	241.379	ug/l	90
60) Dibromochloromethane	11.075	129	120432	50.114	ug/l	97
61) 1,2-Dibromoethane	11.181	107	90252	48.561	ug/l	99
64) Tetrachloroethene	10.810	164	111763	48.179	ug/l	91
65) Chlorobenzene	11.604	112	355589	50.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	132387	50.720	ug/l	97
67) Ethyl Benzene	11.687	91	631067	52.649	ug/l	100
68) m/p-Xylenes	11.793	106	510870	106.463	ug/l	93
69) o-Xylene	12.122	106	238364	54.343	ug/l	95
70) Styrene	12.134	104	408139	53.564	ug/l	99
71) Bromoform	12.298	173	71214	49.000	ug/l #	97
73) Isopropylbenzene	12.422	105	617510	54.345	ug/l	96
74) N-amyl acetate	12.234	43	101038	50.488	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	103200	46.455	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	68350m	43.521	ug/l	
77) Bromobenzene	12.698	156	145526	50.791	ug/l	97
78) n-propylbenzene	12.763	91	747834	53.854	ug/l	98
79) 2-Chlorotoluene	12.851	91	397942	52.416	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	515204	54.308	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	32658	48.281	ug/l	98
82) 4-Chlorotoluene	12.945	91	420883	52.410	ug/l	98
83) tert-Butylbenzene	13.169	119	443561	54.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	523562	55.028	ug/l	96
85) sec-Butylbenzene	13.345	105	660335	53.319	ug/l	98
86) p-Isopropyltoluene	13.463	119	572554	54.218	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	305152	51.390	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	292970	50.859	ug/l	98
89) n-Butylbenzene	13.787	91	529001	54.542	ug/l	98
90) Hexachloroethane	14.051	117	107757	52.623	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	257473	50.878	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14611	47.230	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	166559	53.519	ug/l	98
94) Hexachlorobutadiene	15.204	225	84100	51.539	ug/l	98
95) Naphthalene	15.334	128	289342	50.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	141300	50.683	ug/l	98

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

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