

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077314.D
 Acq On : 11 Oct 2023 19:27
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101123

Quant Time: Oct 12 14:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	267366	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	494032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	452911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	205441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101992	48.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.040%		
35) Dibromofluoromethane	7.805	113	123167	47.877	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.760%		
50) Toluene-d8	10.269	98	412335	47.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.569	95	133385	46.038	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	120099	49.006	ug/l	99
3) Chloromethane	2.146	50	199211	51.511	ug/l	100
4) Vinyl Chloride	2.281	62	201456	47.050	ug/l	99
5) Bromomethane	2.693	94	153943	49.880	ug/l	100
6) Chloroethane	2.834	64	141881	48.952	ug/l	99
7) Trichlorofluoromethane	3.175	101	254393	55.252	ug/l	99
8) Diethyl Ether	3.593	74	88648	55.633	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	157620	49.679	ug/l	95
10) Methyl Iodide	4.164	142	212773	52.897	ug/l	92
11) Tert butyl alcohol	5.052	59	41851	260.322	ug/l	100
12) 1,1-Dichloroethene	3.934	96	159074	51.405	ug/l	# 84
13) Acrolein	3.793	56	64859	318.486	ug/l	98
14) Allyl chloride	4.564	41	232623	54.730	ug/l	# 89
15) Acrylonitrile	5.252	53	195887	258.036	ug/l	98
16) Acetone	4.016	43	162624	247.602	ug/l	88
17) Carbon Disulfide	4.269	76	497719	52.842	ug/l	97
18) Methyl Acetate	4.564	43	139972	52.603	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	378329	54.338	ug/l	99
20) Methylene Chloride	4.799	84	243989	53.267	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	187714	50.690	ug/l	87
22) Diisopropyl ether	6.216	45	525012	54.268	ug/l	95
23) Vinyl Acetate	6.152	43	1229142	269.880	ug/l	93
24) 1,1-Dichloroethane	6.111	63	333005	52.319	ug/l	96
25) 2-Butanone	7.081	43	228713	259.664	ug/l	89
26) 2,2-Dichloropropane	7.075	77	257151	50.273	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	214829	52.225	ug/l	94
28) Bromochloromethane	7.428	49	134543	53.433	ug/l	# 75
29) Tetrahydrofuran	7.446	42	145080	271.968	ug/l	# 84
30) Chloroform	7.593	83	333495	51.280	ug/l	99
31) Cyclohexane	7.881	56	255409	50.059	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	270998	51.735	ug/l	98
36) 1,1-Dichloropropene	8.010	75	237997	49.510	ug/l	96
37) Ethyl Acetate	7.163	43	101132	50.443	ug/l	95
38) Carbon Tetrachloride	7.993	117	212369	49.063	ug/l	96
39) Methylcyclohexane	9.275	83	277474	50.358	ug/l	91
40) Benzene	8.252	78	750796	51.247	ug/l	99

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41) Methacrylonitrile	7.393	41	57213	54.864	ug/l	89
42) 1,2-Dichloroethane	8.322	62	174434	49.945	ug/l	97
43) Isopropyl Acetate	8.363	43	185272	52.188	ug/l	92
44) Trichloroethene	9.028	130	179411	49.546	ug/l	89
45) 1,2-Dichloropropane	9.304	63	192612	51.334	ug/l	95
46) Dibromomethane	9.393	93	99441	49.825	ug/l	89
47) Bromodichloromethane	9.587	83	243883	50.488	ug/l	100
48) Methyl methacrylate	9.381	41	87069	51.523	ug/l #	81
49) 1,4-Dioxane	9.381	88	19080	922.155	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	482785	259.927	ug/l	93
52) Toluene	10.334	92	463620	51.141	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	239026	51.918	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	287452	50.525	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	135133	50.113	ug/l	92
56) Ethyl methacrylate	10.599	69	167872	48.850	ug/l	92
57) 1,3-Dichloropropane	10.881	76	236025	50.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	397091	233.502	ug/l	92
59) 2-Hexanone	10.922	43	334805	253.829	ug/l	91
60) Dibromochloromethane	11.075	129	154554	50.080	ug/l	97
61) 1,2-Dibromoethane	11.181	107	126281	50.776	ug/l	99
64) Tetrachloroethene	10.810	164	136529	47.646	ug/l #	90
65) Chlorobenzene	11.604	112	468837	50.032	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	166074	49.987	ug/l	96
67) Ethyl Benzene	11.681	91	870242	50.973	ug/l	95
68) m/p-Xylenes	11.793	106	665244	102.088	ug/l	89
69) o-Xylene	12.122	106	310716	51.024	ug/l	88
70) Styrene	12.134	104	543745	51.647	ug/l	97
71) Bromoform	12.298	173	83567	49.883	ug/l #	99
73) Isopropylbenzene	12.422	105	798662	51.648	ug/l	95
74) N-amyl acetate	12.234	43	173380	53.933	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	156113	51.518	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	103954m	48.850	ug/l	
77) Bromobenzene	12.698	156	173674	50.001	ug/l	80
78) n-propylbenzene	12.763	91	1005766	51.542	ug/l	94
79) 2-Chlorotoluene	12.851	91	544124	51.939	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	660232	51.651	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	48156	50.576	ug/l	96
82) 4-Chlorotoluene	12.945	91	573877	52.121	ug/l	93
83) tert-Butylbenzene	13.169	119	557754	52.000	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	670567	51.982	ug/l	94
85) sec-Butylbenzene	13.345	105	847503	50.637	ug/l	95
86) p-Isopropyltoluene	13.463	119	698890	50.777	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	359180	49.112	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	356053	49.592	ug/l	97
89) n-Butylbenzene	13.787	91	683986	50.735	ug/l	98
90) Hexachloroethane	14.051	117	133129	49.665	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	312733	49.688	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	20620	51.546	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	189904	49.303	ug/l	97
94) Hexachlorobutadiene	15.204	225	91849	48.196	ug/l	100
95) Naphthalene	15.334	128	400940	53.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	174570	51.433	ug/l	98

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

