

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078664.D
 Acq On : 14 Mar 2024 13:22
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD031424

Quant Time: Mar 15 05:47:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68645	50.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.805	113	80835	52.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.040%			
50) Toluene-d8	10.269	98	306514	53.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.569	95	90494	54.122	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	62363	45.887	ug/l	99
3) Chloromethane	2.152	50	103985	48.459	ug/l	97
4) Vinyl Chloride	2.287	62	148865	47.027	ug/l	96
5) Bromomethane	2.693	94	131493	43.385	ug/l	98
6) Chloroethane	2.840	64	114461	46.366	ug/l	99
7) Trichlorofluoromethane	3.175	101	113709	45.406	ug/l	99
8) Diethyl Ether	3.593	74	33800	46.227	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	68254	43.428	ug/l	99
10) Methyl Iodide	4.169	142	80551	43.328	ug/l	98
11) Tert butyl alcohol	5.052	59	16056	262.172	ug/l	98
12) 1,1-Dichloroethene	3.940	96	70613	47.263	ug/l	96
13) Acrolein	3.793	56	18377	191.556	ug/l	93
14) Allyl chloride	4.558	41	79310	47.574	ug/l	99
15) Acrylonitrile	5.252	53	69451	235.626	ug/l	97
16) Acetone	4.022	43	59892	226.328	ug/l	97
17) Carbon Disulfide	4.275	76	221760	45.276	ug/l	98
18) Methyl Acetate	4.563	43	28111	49.499	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	147056	48.807	ug/l	95
20) Methylene Chloride	4.805	84	83987	46.181	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	84420	47.886	ug/l	89
22) Diisopropyl ether	6.216	45	179508	47.361	ug/l	98
23) Vinyl Acetate	6.158	43	537056	242.237	ug/l	97
24) 1,1-Dichloroethane	6.110	63	130636	45.971	ug/l	99
25) 2-Butanone	7.081	43	82080	233.301	ug/l	98
26) 2,2-Dichloropropane	7.081	77	111487	46.371	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	93284	46.393	ug/l	100
28) Bromochloromethane	7.428	49	46366	45.766	ug/l	98
29) Tetrahydrofuran	7.452	42	47852	250.067	ug/l	99
30) Chloroform	7.599	83	144030	45.458	ug/l	98
31) Cyclohexane	7.875	56	103385	44.947	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	125869	46.822	ug/l	97
36) 1,1-Dichloropropene	8.010	75	108265	48.015	ug/l	99
37) Ethyl Acetate	7.169	43	33106	44.943	ug/l #	88
38) Carbon Tetrachloride	7.993	117	110705	46.572	ug/l	94
39) Methylcyclohexane	9.275	83	127277	48.660	ug/l	96
40) Benzene	8.252	78	324559	47.617	ug/l	97

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41) Methacrylonitrile	7.399	41	18223	47.208	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	77866	46.845	ug/l	99
43) Isopropyl Acetate	8.363	43	65168	48.647	ug/l	98
44) Trichloroethene	9.028	130	87407	47.254	ug/l	95
45) 1,2-Dichloropropane	9.299	63	76092	47.061	ug/l	97
46) Dibromomethane	9.393	93	44127	45.527	ug/l	99
47) Bromodichloromethane	9.587	83	108875	47.186	ug/l	97
48) Methyl methacrylate	9.381	41	32676	50.061	ug/l	95
49) 1,4-Dioxane	9.381	88	8511	948.390	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	173002	247.026	ug/l	99
52) Toluene	10.334	92	211884	48.285	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	101957	48.329	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	122760	48.405	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	61129	47.097	ug/l	95
56) Ethyl methacrylate	10.598	69	64670	49.702	ug/l	99
57) 1,3-Dichloropropane	10.881	76	99109	47.323	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	164714	287.093	ug/l	99
59) 2-Hexanone	10.922	43	129496	249.430	ug/l	100
60) Dibromochloromethane	11.075	129	77698	48.542	ug/l	99
61) 1,2-Dibromoethane	11.181	107	57967	46.149	ug/l	99
64) Tetrachloroethene	10.810	164	72831	48.718	ug/l	95
65) Chlorobenzene	11.604	112	225839	47.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	83570	48.338	ug/l	99
67) Ethyl Benzene	11.681	91	400519	49.789	ug/l	99
68) m/p-Xylenes	11.793	106	324369	99.299	ug/l	98
69) o-Xylene	12.122	106	150013	49.635	ug/l	98
70) Styrene	12.134	104	257146	50.691	ug/l	99
71) Bromoform	12.298	173	44818	47.969	ug/l #	94
73) Isopropylbenzene	12.422	105	386091	48.533	ug/l	99
74) N-amyl acetate	12.234	43	64079	49.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	69784	47.386	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42687m	45.856	ug/l	
77) Bromobenzene	12.698	156	93716	47.502	ug/l	98
78) n-propylbenzene	12.763	91	469973	48.534	ug/l	100
79) 2-Chlorotoluene	12.851	91	248039	46.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	321554	48.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	20812	46.864	ug/l	99
82) 4-Chlorotoluene	12.945	91	263999	46.986	ug/l	99
83) tert-Butylbenzene	13.163	119	283831	50.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	325193	49.052	ug/l	96
85) sec-Butylbenzene	13.345	105	425185	49.531	ug/l	99
86) p-Isopropyltoluene	13.457	119	366012	49.807	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	199895	48.014	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	194208	47.333	ug/l	99
89) n-Butylbenzene	13.787	91	327505	49.348	ug/l	98
90) Hexachloroethane	14.051	117	68650	45.148	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	168245	46.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8961	45.486	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	101503	48.505	ug/l	96
94) Hexachlorobutadiene	15.204	225	52969	46.755	ug/l	97
95) Naphthalene	15.328	128	181824	49.975	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	85625	47.297	ug/l	94

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

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