

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035729.D
 Acq On : 17 May 2023 19:29
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 18 06:18:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:00:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	169797	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	332916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185387	62.585	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.160%#			
35) Dibromofluoromethane	5.385	113	117107	52.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	8.646	98	428856	51.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.079	95	169248	50.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	4593	2.076	ug/l	95
3) Chloromethane	1.294	50	7044	2.623	ug/l	98
4) Vinyl Chloride	1.373	62	5792	2.541	ug/l	98
5) Bromomethane	1.617	94	4088	3.312	ug/l	91
6) Chloroethane	1.690	64	3804	2.751	ug/l	92
7) Trichlorofluoromethane	1.885	101	7554	2.254	ug/l	97
8) Diethyl Ether	2.135	74	3960	3.069	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	4332	2.177	ug/l	93
10) Methyl Iodide	2.446	142	4751	2.670	ug/l	91
11) Tert butyl alcohol	3.050	59	7369m	14.100	ug/l	
12) 1,1-Dichloroethene	2.318	96	5025	2.657	ug/l	91
13) Acrolein	2.245	56	5936	9.570	ug/l	91
14) Allyl chloride	2.666	41	9931	2.452	ug/l #	95
15) Acrylonitrile	3.074	53	18471	16.051	ug/l	98
16) Acetone	2.398	43	19023	14.942	ug/l	94
17) Carbon Disulfide	2.513	76	8239	1.805	ug/l #	93
18) Methyl Acetate	2.708	43	13884	2.957	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	22266	2.959	ug/l	99
20) Methylene Chloride	2.788	84	7620	3.302	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	5685	2.744	ug/l	83
22) Diisopropyl ether	3.763	45	22963	2.895	ug/l	93
23) Vinyl Acetate	3.721	43	74333	13.245	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	11696	2.757	ug/l	93
25) 2-Butanone	4.580	43	26656	15.125	ug/l	96
26) 2,2-Dichloropropane	4.476	77	7095	1.975	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	6945	2.788	ug/l	96
28) Bromochloromethane	4.897	49	4441	2.328	ug/l	87
29) Tetrahydrofuran	5.031	42	17597	15.886	ug/l	97
30) Chloroform	5.098	83	12335	2.838	ug/l	92
31) Cyclohexane	5.470	56	8384	2.240	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	9189	2.430	ug/l	97
36) 1,1-Dichloropropene	5.690	75	8349	2.356	ug/l	94
37) Ethyl Acetate	4.720	43	11175	3.023	ug/l #	90
38) Carbon Tetrachloride	5.677	117	6369	1.897	ug/l	97
39) Methylcyclohexane	7.384	83	7758	1.860	ug/l #	91
40) Benzene	6.037	78	25758	2.598	ug/l	98

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41) Methacrylonitrile	4.922	41	5296	2.413	ug/l	95
42) 1,2-Dichloroethane	6.086	62	12586	2.951	ug/l	97
43) Isopropyl Acetate	6.348	43	16498	2.560	ug/l	99
44) Trichloroethene	7.128	130	6128	2.438	ug/l	98
45) 1,2-Dichloropropane	7.427	63	6792	2.587	ug/l	97
46) Dibromomethane	7.586	93	4326	2.407	ug/l	94
47) Bromodichloromethane	7.823	83	7681	2.211	ug/l	89
48) Methyl methacrylate	7.695	41	7932	2.494	ug/l	93
49) 1,4-Dioxane	7.744	88	3922m	57.380	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	50985	13.730	ug/l	99
52) Toluene	8.720	92	16580	2.649	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	6756	1.790	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	8245	2.039	ug/l #	83
55) 1,1,2-Trichloroethane	9.152	97	6929	2.819	ug/l	95
56) Ethyl methacrylate	9.116	69	9393	2.360	ug/l	95
57) 1,3-Dichloropropane	9.311	76	11968	2.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	20621	10.183	ug/l	98
59) 2-Hexanone	9.433	43	37450	13.391	ug/l	96
60) Dibromochloromethane	9.524	129	4302	1.836	ug/l	97
61) 1,2-Dibromoethane	9.610	107	6025	2.326	ug/l	97
64) Tetrachloroethene	9.274	164	4512	2.287	ug/l	87
65) Chlorobenzene	10.079	112	17305	2.705	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	4932	2.181	ug/l	99
67) Ethyl Benzene	10.195	91	29085	2.418	ug/l	98
68) m/p-Xylenes	10.299	106	20956	4.713	ug/l	92
69) o-Xylene	10.640	106	10447	2.367	ug/l	86
70) Styrene	10.652	104	16800	2.362	ug/l	96
71) Bromoform	10.799	173	2388	1.605	ug/l #	94
73) Isopropylbenzene	10.963	105	26092	2.370	ug/l	99
74) N-amyl acetate	10.841	43	11946	2.327	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	9364	2.622	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	8751m	2.739	ug/l	
77) Bromobenzene	11.195	156	6151	2.462	ug/l	87
78) n-propylbenzene	11.305	91	30127	2.328	ug/l	98
79) 2-Chlorotoluene	11.365	91	21071	2.601	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	22893	2.447	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	1554m	1.567	ug/l	
82) 4-Chlorotoluene	11.457	91	22789	2.442	ug/l	97
83) tert-Butylbenzene	11.713	119	20879	2.296	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	21435	2.282	ug/l	99
85) sec-Butylbenzene	11.890	105	23956	2.098	ug/l	100
86) p-Isopropyltoluene	12.006	119	19911	2.121	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	11486	2.420	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	12337	2.574	ug/l	87
89) n-Butylbenzene	12.335	91	16660	1.951	ug/l	96
90) Hexachloroethane	12.536	117	2382	1.674	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	12291	2.644	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.938	75	1559	1.961	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	5795	2.071	ug/l	94
94) Hexachlorobutadiene	13.725	225	2097	1.888	ug/l	96
95) Naphthalene	13.774	128	22886	2.388	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6121	2.224	ug/l	97

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

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