

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023240.D
 Acq On : 12 Jul 2021 14:25
 Operator : JC/MD
 Sample : M2940-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/13/2021 6:53:59 PM

Quant Time: Jul 13 03:06:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 13 03:05:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	267594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	428921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176958	49.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.397	113	133215	48.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.653	98	485891	47.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.060%
62) 4-Bromofluorobenzene	11.085	95	186084	46.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	10803	4.456	ug/l	94
3) Chloromethane	1.294	50	11309	4.714	ug/l	99
4) Vinyl Chloride	1.374	62	13019	5.123	ug/l	96
5) Bromomethane	1.599	94	6430	4.526	ug/l	95
6) Chloroethane	1.679	64	8427	5.071	ug/l	97
7) Trichlorofluoromethane	1.886	101	22152	5.016	ug/l	97
8) Diethyl Ether	2.136	74	9003	5.523	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	13926	5.388	ug/l	97
10) Methyl Iodide	2.453	142	15375	4.845	ug/l	95
11) Tert butyl alcohol	2.983	59	21757	28.756	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12985	5.444	ug/l	92
13) Acrolein	2.239	56	10693	21.224	ug/l	97
14) Allyl chloride	2.666	41	21770	5.252	ug/l	90
15) Acrylonitrile	3.075	53	37680	25.612	ug/l	97
16) Acetone	2.392	43	34859	24.499	ug/l #	88
17) Carbon Disulfide	2.514	76	26257	5.219	ug/l	97
18) Methyl Acetate	2.715	43	18554	5.372	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	49307	5.527	ug/l	96
20) Methylene Chloride	2.794	84	16261	5.308	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	13946	5.413	ug/l	95
22) Diisopropyl ether	3.770	45	44762	5.122	ug/l	91
23) Vinyl Acetate	3.727	43	187449	25.344	ug/l	97
24) 1,1-Dichloroethane	3.617	63	26225	5.311	ug/l	97
25) 2-Butanone	4.568	43	54389	25.349	ug/l	97
26) 2,2-Dichloropropane	4.483	77	22491	5.427	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	16716	5.357	ug/l	98
28) Bromochloromethane	4.904	49	12069	5.152	ug/l	98
29) Tetrahydrofuran	5.026	42	36138	26.201	ug/l	90
30) Chloroform	5.099	83	28506	5.345	ug/l	96
31) Cyclohexane	5.477	56	22123	5.138	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	25287	5.444	ug/l	99
36) 1,1-Dichloropropene	5.702	75	19780	5.173	ug/l	98
37) Ethyl Acetate	4.727	43	21156	5.072	ug/l	99
38) Carbon Tetrachloride	5.684	117	21980	5.507	ug/l	96
39) Methylcyclohexane	7.385	83	23197	5.187	ug/l	96
40) Benzene	6.044	78	59029	5.317	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11657	4.999	ug/l	92
42) 1,2-Dichloroethane	6.098	62	24168	5.418	ug/l	95
43) Isopropyl Acetate	6.348	43	35464	5.111	ug/l	94
44) Trichloroethene	7.129	130	17168	5.451	ug/l	97
45) 1,2-Dichloropropane	7.440	63	15059	5.196	ug/l	98
46) Dibromomethane	7.586	93	10867	5.251	ug/l	99
47) Bromodichloromethane	7.830	83	18340	4.853	ug/l	92
48) Methyl methacrylate	7.702	41	16420	4.823	ug/l	91
49) 1,4-Dioxane	7.665	88	7918	103.339	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	105750	24.597	ug/l	92
52) Toluene	8.726	92	37211	5.179	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	20849	5.054	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	22935	5.239	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	15416	5.110	ug/l	97
56) Ethyl methacrylate	9.122	69	22565	4.840	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	25539	5.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	55786	24.466	ug/l	99
59) 2-Hexanone	9.433	43	79381	24.064	ug/l	88
60) Dibromochloromethane	9.525	129	13376	4.616	ug/l	100
61) 1,2-Dibromoethane	9.610	107	15859	5.122	ug/l	97
64) Tetrachloroethene	9.275	164	16987	5.535	ug/l	93
65) Chlorobenzene	10.086	112	40113	5.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	14888	5.413	ug/l	99
67) Ethyl Benzene	10.195	91	70445	5.239	ug/l	100
68) m/p-Xylenes	10.305	106	53413	10.404	ug/l	96
69) o-Xylene	10.646	106	26293	5.082	ug/l	98
70) Styrene	10.659	104	42568	5.037	ug/l	95
71) Bromoform	10.805	173	9089	4.691	ug/l #	97
73) Isopropylbenzene	10.963	105	71479	5.617	ug/l	99
74) N-amyl acetate	10.848	43	25773	4.773	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	21724	5.373	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	20953m	5.764	ug/l	
77) Bromobenzene	11.201	156	16965	5.339	ug/l	99
78) n-propylbenzene	11.305	91	76319	5.186	ug/l	98
79) 2-Chlorotoluene	11.366	91	49973	5.495	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	58995	5.384	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	5255	4.438	ug/l #	78
82) 4-Chlorotoluene	11.457	91	55772	5.430	ug/l	98
83) tert-Butylbenzene	11.719	119	57191	5.499	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	57239	5.286	ug/l	99
85) sec-Butylbenzene	11.896	105	71048	5.309	ug/l	100
86) p-Isopropyltoluene	12.012	119	57901	5.158	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	30842	5.169	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	31954	5.319	ug/l	94
89) n-Butylbenzene	12.335	91	47095	4.789	ug/l	97
90) Hexachloroethane	12.542	117	8177	4.972	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	31995	5.391	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4124	4.793	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	17859	4.885	ug/l	97
94) Hexachlorobutadiene	13.725	225	8132	5.253	ug/l	97
95) Naphthalene	13.780	128	58384	4.801	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	18251	4.963	ug/l	97

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

