

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023883.D
 Acq On : 20 Aug 2021 17:33
 Operator : JC/MD
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2021 11:32:25 AM

Quant Time: Aug 21 01:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	197800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	318012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127062	46.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.391	113	94520	44.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	8.653	98	356379	44.485	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.980%#
62) 4-Bromofluorobenzene	11.085	95	134459	45.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	36134	17.315	ug/l	98
3) Chloromethane	1.295	50	38930	16.993	ug/l	100
4) Vinyl Chloride	1.374	62	38991	17.451	ug/l	99
5) Bromomethane	1.599	94	26725	19.024	ug/l	98
6) Chloroethane	1.685	64	24889	15.413	ug/l	100
7) Trichlorofluoromethane	1.886	101	63220	17.917	ug/l	98
8) Diethyl Ether	2.142	74	21624	17.549	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	35863	18.063	ug/l	99
10) Methyl Iodide	2.453	142	48885	17.683	ug/l	95
11) Tert butyl alcohol	2.977	59	52737	94.461	ug/l	97
12) 1,1-Dichloroethene	2.319	96	33380	17.584	ug/l	94
13) Acrolein	2.239	56	32934	99.130	ug/l	97
14) Allyl chloride	2.666	41	60556	17.310	ug/l	90
15) Acrylonitrile	3.075	53	114695	92.204	ug/l	98
16) Acetone	2.386	43	103784	84.079	ug/l	91
17) Carbon Disulfide	2.514	76	74120	16.371	ug/l	98
18) Methyl Acetate	2.709	43	56015	18.178	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	120351	18.216	ug/l	99
20) Methylene Chloride	2.794	84	41170	17.461	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	35370	17.444	ug/l	94
22) Diisopropyl ether	3.770	45	124094	17.810	ug/l	91
23) Vinyl Acetate	3.733	43	507779	90.089	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	67329	17.363	ug/l	97
25) 2-Butanone	4.568	43	167829	89.766	ug/l	92
26) 2,2-Dichloropropane	4.483	77	54487	17.120	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	42156	17.473	ug/l	94
28) Bromochloromethane	4.916	49	31490	17.860	ug/l	93
29) Tetrahydrofuran	5.019	42	109222	90.190	ug/l	89
30) Chloroform	5.105	83	71062	17.307	ug/l	100
31) Cyclohexane	5.477	56	61915	17.457	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	61419	17.469	ug/l	98
36) 1,1-Dichloropropene	5.702	75	52739	17.908	ug/l	98
37) Ethyl Acetate	4.727	43	61896	17.098	ug/l	95
38) Carbon Tetrachloride	5.684	117	52876	17.218	ug/l	97
39) Methylcyclohexane	7.385	83	62808	17.516	ug/l	98
40) Benzene	6.050	78	152978	17.567	ug/l	99

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41) Methacrylonitrile	4.928	41	33799	17.223	ug/l	92
42) 1,2-Dichloroethane	6.098	62	61371	17.931	ug/l	96
43) Isopropyl Acetate	6.355	43	100069	17.672	ug/l	93
44) Trichloroethene	7.135	130	41390	17.206	ug/l	97
45) 1,2-Dichloropropane	7.440	63	40176	17.374	ug/l	97
46) Dibromomethane	7.586	93	28564	17.750	ug/l	96
47) Bromodichloromethane	7.830	83	49133	16.877	ug/l	99
48) Methyl methacrylate	7.702	41	49726	18.002	ug/l	85
49) 1,4-Dioxane	7.671	88	22664	388.213	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	337286	92.146	ug/l	89
52) Toluene	8.720	92	98935	17.533	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	55913	16.371	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	59999	17.009	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	40419	17.398	ug/l	96
56) Ethyl methacrylate	9.122	69	63918	16.617	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	68509	17.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	165174	88.295	ug/l	97
59) 2-Hexanone	9.433	43	267216	94.973	ug/l	86
60) Dibromochloromethane	9.525	129	36635	15.484	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43384	17.677	ug/l	98
64) Tetrachloroethene	9.275	164	41267	17.325	ug/l	95
65) Chlorobenzene	10.086	112	106551	17.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38605	17.430	ug/l	98
67) Ethyl Benzene	10.195	91	192291	17.695	ug/l	100
68) m/p-Xylenes	10.305	106	146259	35.335	ug/l	98
69) o-Xylene	10.646	106	71705	17.628	ug/l	98
70) Styrene	10.659	104	119839	18.084	ug/l	98
71) Bromoform	10.805	173	26084	15.864	ug/l #	99
73) Isopropylbenzene	10.963	105	188608	17.541	ug/l	99
74) N-amyl acetate	10.848	43	87596	18.027	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	65102	18.475	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	60798m	18.489	ug/l	
77) Bromobenzene	11.201	156	47521	17.944	ug/l	96
78) n-propylbenzene	11.305	91	217076	17.651	ug/l	100
79) 2-Chlorotoluene	11.366	91	132481	17.823	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	159340	18.033	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	17829	15.948	ug/l #	82
82) 4-Chlorotoluene	11.457	91	151392	17.944	ug/l	99
83) tert-Butylbenzene	11.719	119	152778	17.803	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	160285	18.193	ug/l	99
85) sec-Butylbenzene	11.896	105	195205	17.966	ug/l	100
86) p-Isopropyltoluene	12.012	119	161518	18.063	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	86371	18.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	86065	18.010	ug/l	99
89) n-Butylbenzene	12.335	91	142223	17.813	ug/l	96
90) Hexachloroethane	12.542	117	23298	15.975	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	82045	17.675	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12744	16.919	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	48713	17.437	ug/l	99
94) Hexachlorobutadiene	13.731	225	21935	17.616	ug/l	98
95) Naphthalene	13.780	128	164740	16.850	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48118	17.294	ug/l	98

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

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