

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022942.D
 Acq On : 25 Jun 2021 23:53
 Operator : JC/MD
 Sample : VX0625WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:37 PM

Quant Time: Jun 26 03:57:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55932	49.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.380%
35) Dibromofluoromethane	5.391	113	39245	48.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.680%
50) Toluene-d8	8.653	98	153186	48.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.085	95	56452	48.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15583	17.806	ug/l	96
3) Chloromethane	1.294	50	17067	17.759	ug/l	99
4) Vinyl Chloride	1.374	62	16163	18.227	ug/l	96
5) Bromomethane	1.605	94	10029	20.529	ug/l	96
6) Chloroethane	1.691	64	9978	18.206	ug/l	90
7) Trichlorofluoromethane	1.892	101	24885	19.317	ug/l	91
8) Diethyl Ether	2.136	74	9634	19.375	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	14311	17.743	ug/l	89
10) Methyl Iodide	2.459	142	9624	13.032	ug/l	92
11) Tert butyl alcohol	2.977	59	20945	89.276	ug/l	98
12) 1,1-Dichloroethene	2.325	96	14900	18.516	ug/l	92
13) Acrolein	2.245	56	14994	102.758	ug/l	94
14) Allyl chloride	2.666	41	26760	17.503	ug/l	92
15) Acrylonitrile	3.075	53	53314	99.407	ug/l	99
16) Acetone	2.386	43	47738	95.657	ug/l	95
17) Carbon Disulfide	2.514	76	32477	17.286	ug/l	97
18) Methyl Acetate	2.715	43	24586	20.019	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	54509	18.889	ug/l	95
20) Methylene Chloride	2.794	84	18502	18.926	ug/l #	81
21) trans-1,2-Dichloroethene	3.099	96	16482	18.463	ug/l	96
22) Diisopropyl ether	3.770	45	60794	19.117	ug/l	93
23) Vinyl Acetate	3.733	43	261521	98.031	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	33208	19.546	ug/l	98
25) 2-Butanone	4.568	43	76221	98.216	ug/l	91
26) 2,2-Dichloropropane	4.483	77	16351	12.682	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	19102	19.279	ug/l	99
28) Bromochloromethane	4.916	49	15988	19.975	ug/l #	75
29) Tetrahydrofuran	5.019	42	51245	102.659	ug/l #	86
30) Chloroform	5.111	83	32223	18.856	ug/l	94
31) Cyclohexane	5.483	56	28077	17.667	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	26798	19.517	ug/l	96
36) 1,1-Dichloropropene	5.702	75	23487	17.475	ug/l	97
37) Ethyl Acetate	4.727	43	29305	18.823	ug/l	95
38) Carbon Tetrachloride	5.696	117	20348	18.050	ug/l	90
39) Methylcyclohexane	7.391	83	25185	16.064	ug/l	97
40) Benzene	6.050	78	73177	18.881	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	15934	18.578	ug/l	91
42) 1,2-Dichloroethane	6.098	62	27184	19.064	ug/l	94
43) Isopropyl Acetate	6.348	43	47311	18.901	ug/l #	90
44) Trichloroethene	7.135	130	16791	18.269	ug/l	96
45) 1,2-Dichloropropane	7.434	63	18871	18.878	ug/l	97
46) Dibromomethane	7.586	93	12112	18.263	ug/l #	84
47) Bromodichloromethane	7.824	83	21684	18.081	ug/l	96
48) Methyl methacrylate	7.702	41	22429	19.361	ug/l	86
49) 1,4-Dioxane	7.665	88	9409	377.305	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	152656	97.992	ug/l	88
52) Toluene	8.726	92	44047	18.801	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	22484	16.731	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	25256	16.673	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	17618	18.743	ug/l	98
56) Ethyl methacrylate	9.122	69	28532	18.170	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	31440	18.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	75802	91.268	ug/l	94
59) 2-Hexanone	9.433	43	117149	99.123	ug/l	88
60) Dibromochloromethane	9.525	129	14263	18.010	ug/l	98
61) 1,2-Dibromoethane	9.616	107	17903	18.753	ug/l	98
64) Tetrachloroethene	9.281	164	14718	18.063	ug/l #	87
65) Chlorobenzene	10.086	112	44313	18.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14771	18.719	ug/l	95
67) Ethyl Benzene	10.195	91	83362	18.540	ug/l	93
68) m/p-Xylenes	10.305	106	61705	36.955	ug/l	95
69) o-Xylene	10.646	106	29898	18.397	ug/l	95
70) Styrene	10.659	104	50713	18.801	ug/l	97
71) Bromoform	10.805	173	7475	16.595	ug/l #	94
73) Isopropylbenzene	10.963	105	79709	18.229	ug/l	96
74) N-amyl acetate	10.848	43	38893	17.166	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	27232	18.133	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	24688m	18.087	ug/l	
77) Bromobenzene	11.201	156	16114	17.722	ug/l	82
78) n-propylbenzene	11.305	91	94766	17.912	ug/l	97
79) 2-Chlorotoluene	11.366	91	55599	17.405	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	66429	18.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	5726	16.368	ug/l #	72
82) 4-Chlorotoluene	11.457	91	65324	17.695	ug/l	98
83) tert-Butylbenzene	11.719	119	59313	17.493	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	66176	18.312	ug/l	98
85) sec-Butylbenzene	11.896	105	82953	18.141	ug/l	96
86) p-Isopropyltoluene	12.012	119	64413	17.727	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	31506	17.960	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	32428	17.678	ug/l	95
89) n-Butylbenzene	12.335	91	60726	17.577	ug/l	97
90) Hexachloroethane	12.542	117	9020	16.136	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	31205	18.226	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5169	17.388	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	17828	18.774	ug/l	94
94) Hexachlorobutadiene	13.725	225	6137	16.493	ug/l	95
95) Naphthalene	13.780	128	70504	18.016	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17788	18.597	ug/l	94

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

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