

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024404.D
 Acq On : 21 Sep 2021 23:29
 Operator : JC/MD
 Sample : VX0921WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:53 AM

Quant Time: Sep 22 04:54:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	147827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116317	55.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.360%
35) Dibromofluoromethane	5.397	113	87077	55.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.020%
50) Toluene-d8	8.653	98	314248	54.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.980%
62) 4-Bromofluorobenzene	11.085	95	121540	54.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	25307	17.809	ug/l	100
3) Chloromethane	1.300	50	26796	18.057	ug/l	97
4) Vinyl Chloride	1.380	62	27528	18.640	ug/l	99
5) Bromomethane	1.599	94	21494	24.448	ug/l	98
6) Chloroethane	1.685	64	17915	18.365	ug/l	97
7) Trichlorofluoromethane	1.886	101	49055	19.802	ug/l	99
8) Diethyl Ether	2.142	74	16559	19.317	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	27347	18.791	ug/l	97
10) Methyl Iodide	2.459	142	34484	17.127	ug/l	91
11) Tert butyl alcohol	2.977	59	38507	71.479	ug/l	97
12) 1,1-Dichloroethene	2.319	96	26025	19.094	ug/l	95
13) Acrolein	2.245	56	12384	89.137	ug/l	96
14) Allyl chloride	2.672	41	44326	17.894	ug/l	87
15) Acrylonitrile	3.074	53	84265	97.733	ug/l	98
16) Acetone	2.392	43	77761	86.514	ug/l	90
17) Carbon Disulfide	2.514	76	54581	15.979	ug/l	100
18) Methyl Acetate	2.715	43	54327	19.279	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	97037	19.372	ug/l	98
20) Methylene Chloride	2.794	84	32712	18.953	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	27521	18.443	ug/l	98
22) Diisopropyl ether	3.776	45	96814	19.899	ug/l	97
23) Vinyl Acetate	3.733	43	388432	98.329	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	55022	19.273	ug/l	97
25) 2-Butanone	4.574	43	122960	92.880	ug/l	95
26) 2,2-Dichloropropane	4.489	77	38280	15.309	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	33775	19.599	ug/l	98
28) Bromochloromethane	4.910	49	21959	18.878	ug/l	93
29) Tetrahydrofuran	5.019	42	80026	96.578	ug/l	89
30) Chloroform	5.105	83	59830	19.707	ug/l	99
31) Cyclohexane	5.483	56	45219	18.339	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	53296	19.615	ug/l	97
36) 1,1-Dichloropropene	5.702	75	41155	19.136	ug/l	97
37) Ethyl Acetate	4.733	43	47313	18.880	ug/l	94
38) Carbon Tetrachloride	5.690	117	46187	19.081	ug/l	96
39) Methylcyclohexane	7.391	83	46544	18.127	ug/l	97
40) Benzene	6.050	78	119808	19.423	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	26030	19.478	ug/l	91
42) 1,2-Dichloroethane	6.098	62	52436	20.386	ug/l	94
43) Isopropyl Acetate	6.354	43	76847	19.265	ug/l	92
44) Trichloroethene	7.135	130	33494	19.326	ug/l	94
45) 1,2-Dichloropropane	7.440	63	31431	19.307	ug/l	97
46) Dibromomethane	7.586	93	23907	20.062	ug/l	95
47) Bromodichloromethane	7.830	83	43667	19.706	ug/l	99
48) Methyl methacrylate	7.702	41	37528	18.855	ug/l	84
49) 1,4-Dioxane	7.665	88	15805	379.244	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	256891	101.062	ug/l	89
52) Toluene	8.726	92	78402	19.393	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	44470	17.697	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	48160	18.520	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	33785	19.623	ug/l	96
56) Ethyl methacrylate	9.122	69	48641	17.826	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	55308	19.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	113587	91.164	ug/l	98
59) 2-Hexanone	9.433	43	198304	100.120	ug/l	86
60) Dibromochloromethane	9.525	129	33340	18.212	ug/l	99
61) 1,2-Dibromoethane	9.616	107	34832	18.987	ug/l	98
64) Tetrachloroethene	9.281	164	32822	19.034	ug/l	97
65) Chlorobenzene	10.085	112	87415	19.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33157	19.536	ug/l	99
67) Ethyl Benzene	10.195	91	152943	19.091	ug/l	99
68) m/p-Xylenes	10.305	106	119521	38.970	ug/l	99
69) o-Xylene	10.646	106	58184	19.005	ug/l	98
70) Styrene	10.658	104	97251	19.581	ug/l	97
71) Bromoform	10.805	173	23381	17.263	ug/l #	97
73) Isopropylbenzene	10.963	105	156788	18.958	ug/l	99
74) N-amyl acetate	10.847	43	67338	19.342	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	54212	20.262	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	47838m	18.733	ug/l	
77) Bromobenzene	11.201	156	38980	18.754	ug/l	96
78) n-propylbenzene	11.311	91	174791	18.709	ug/l	100
79) 2-Chlorotoluene	11.366	91	110743	19.083	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	131439	18.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	13552	15.608	ug/l #	83
82) 4-Chlorotoluene	11.457	91	126767	19.199	ug/l	98
83) tert-Butylbenzene	11.719	119	127499	18.949	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	132087	19.262	ug/l	99
85) sec-Butylbenzene	11.896	105	159628	18.936	ug/l	99
86) p-Isopropyltoluene	12.012	119	133902	18.923	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	72137	19.376	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73109	19.238	ug/l	98
89) n-Butylbenzene	12.335	91	110508	18.049	ug/l	97
90) Hexachloroethane	12.542	117	21733	19.063	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	73113	20.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10833	17.648	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	41005	19.051	ug/l	97
94) Hexachlorobutadiene	13.725	225	19566	18.204	ug/l	98
95) Naphthalene	13.780	128	130192	17.268	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40351	18.599	ug/l	99

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

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