

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024430.D
 Acq On : 22 Sep 2021 13:21
 Operator : JC/MD
 Sample : VX0922WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:53 AM

Quant Time: Sep 22 14:16:11 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	158660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123131	54.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.840%	
35) Dibromofluoromethane	5.391	113	91215	55.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.940%	
50) Toluene-d8	8.653	98	328705	54.870	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	11.085	95	131399	56.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	27155	17.805	ug/l	98
3) Chloromethane	1.294	50	26624	16.717	ug/l	99
4) Vinyl Chloride	1.374	62	26547	16.748	ug/l	99
5) Bromomethane	1.599	94	22254	23.584	ug/l	96
6) Chloroethane	1.685	64	17797	16.999	ug/l	98
7) Trichlorofluoromethane	1.886	101	49430	18.591	ug/l	99
8) Diethyl Ether	2.136	74	17043	18.524	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	30522	19.540	ug/l	96
10) Methyl Iodide	2.453	142	33335	15.426	ug/l	90
11) Tert butyl alcohol	2.977	59	41696	72.319	ug/l	95
12) 1,1-Dichloroethene	2.319	96	26557	18.154	ug/l	93
13) Acrolein	2.239	56	11577	77.639	ug/l	98
14) Allyl chloride	2.666	41	49262	18.529	ug/l	88
15) Acrylonitrile	3.068	53	93566	101.111	ug/l	98
16) Acetone	2.386	43	87791	91.004	ug/l	# 87
17) Carbon Disulfide	2.514	76	55939	15.258	ug/l	100
18) Methyl Acetate	2.709	43	60719	20.076	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	107779	20.047	ug/l	100
20) Methylene Chloride	2.794	84	34306	18.519	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	30405	18.985	ug/l	94
22) Diisopropyl ether	3.770	45	108428	20.765	ug/l	97
23) Vinyl Acetate	3.727	43	436751	103.011	ug/l	# 94
24) 1,1-Dichloroethane	3.617	63	61381	20.032	ug/l	96
25) 2-Butanone	4.568	43	142400	100.220	ug/l	90
26) 2,2-Dichloropropane	4.483	77	52189	19.446	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	36778	19.884	ug/l	94
28) Bromochloromethane	4.910	49	24230	19.408	ug/l	95
29) Tetrahydrofuran	5.019	42	89305	100.417	ug/l	90
30) Chloroform	5.099	83	66000	20.255	ug/l	97
31) Cyclohexane	5.477	56	50176	18.960	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	59105	20.268	ug/l	98
36) 1,1-Dichloropropene	5.702	75	45248	20.071	ug/l	99
37) Ethyl Acetate	4.727	43	52073	19.823	ug/l	95
38) Carbon Tetrachloride	5.684	117	50771	20.009	ug/l	99
39) Methylcyclohexane	7.385	83	53425	19.849	ug/l	97
40) Benzene	6.044	78	132848	20.546	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	28826	20.577	ug/l	91
42) 1,2-Dichloroethane	6.092	62	57200	21.215	ug/l	94
43) Isopropyl Acetate	6.348	43	85338	20.408	ug/l	93
44) Trichloroethene	7.129	130	37887	20.855	ug/l	98
45) 1,2-Dichloropropane	7.434	63	35914	21.045	ug/l	92
46) Dibromomethane	7.586	93	25384	20.321	ug/l	97
47) Bromodichloromethane	7.824	83	48867	21.038	ug/l	95
48) Methyl methacrylate	7.702	41	42072	20.165	ug/l	86
49) 1,4-Dioxane	7.665	88	17349	397.128	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	290928	109.183	ug/l	90
52) Toluene	8.720	92	86852	20.495	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	49167	18.665	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	54859	20.125	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	35765	19.817	ug/l	99
56) Ethyl methacrylate	9.122	69	52885	18.438	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	61311	20.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	150697	115.380	ug/l	97
59) 2-Hexanone	9.433	43	224013	107.894	ug/l	87
60) Dibromochloromethane	9.525	129	36204	18.804	ug/l	98
61) 1,2-Dibromoethane	9.616	107	39391	20.483	ug/l	98
64) Tetrachloroethene	9.275	164	38594	21.653	ug/l	95
65) Chlorobenzene	10.079	112	97459	20.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35594	20.290	ug/l	100
67) Ethyl Benzene	10.195	91	161255	19.475	ug/l	100
68) m/p-Xylenes	10.305	106	125758	39.670	ug/l	98
69) o-Xylene	10.646	106	64003	20.226	ug/l	99
70) Styrene	10.659	104	105538	20.559	ug/l	96
71) Bromoform	10.805	173	25676	18.271	ug/l #	100
73) Isopropylbenzene	10.963	105	172040	19.600	ug/l	100
74) N-amyl acetate	10.848	43	73649	19.932	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	56285	19.821	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	52386m	19.329	ug/l	
77) Bromobenzene	11.201	156	41605	18.860	ug/l	95
78) n-propylbenzene	11.305	91	205851	20.760	ug/l	99
79) 2-Chlorotoluene	11.366	91	126110	20.475	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	150470	20.337	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	15934	17.290	ug/l #	82
82) 4-Chlorotoluene	11.457	91	144151	20.570	ug/l	99
83) tert-Butylbenzene	11.719	119	147158	20.607	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	142943	19.640	ug/l	99
85) sec-Butylbenzene	11.896	105	177404	19.828	ug/l	100
86) p-Isopropyltoluene	12.012	119	154043	20.511	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	79493	20.118	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	82472	20.448	ug/l	98
89) n-Butylbenzene	12.335	91	131324	20.209	ug/l	97
90) Hexachloroethane	12.542	117	21710	17.942	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	80921	20.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12438	19.092	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	46768	20.473	ug/l	98
94) Hexachlorobutadiene	13.725	225	22880	20.057	ug/l	99
95) Naphthalene	13.780	128	148347	18.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47530	20.642	ug/l	99

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

