

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024564.D
 Acq On : 05 Oct 2021 12:28
 Operator : JC/MD
 Sample : VX1005WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:03:47 PM

Quant Time: Oct 05 16:40:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	189061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124797	46.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.68%		
35) Dibromofluoromethane	5.391	113	97527	49.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.76%		
50) Toluene-d8	8.653	98	339897	46.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.52%		
62) 4-Bromofluorobenzene	11.079	95	130894	45.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.60%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	34371	18.07	ug/l	95
3) Chloromethane	1.295	50	33444	18.65	ug/l	100
4) Vinyl Chloride	1.374	62	34823	18.56	ug/l	99
5) Bromomethane	1.599	94	21854	17.31	ug/l	100
6) Chloroethane	1.685	64	19596	15.86	ug/l	99
7) Trichlorofluoromethane	1.886	101	53490	16.16	ug/l	94
8) Diethyl Ether	2.136	74	18058	16.03	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	35859	19.21	ug/l	94
10) Methyl Iodide	2.453	142	36647	14.03	ug/l	95
11) Tert butyl alcohol	2.971	59	51090	73.72	ug/l	97
12) 1,1-Dichloroethene	2.319	96	32919	18.99	ug/l	94
13) Acrolein	2.240	56	13411	99.37	ug/l	97
14) Allyl chloride	2.666	41	61233	19.33	ug/l	95
15) Acrylonitrile	3.069	53	115558	95.46	ug/l	97
16) Acetone	2.386	43	109256	90.72	ug/l	93
17) Carbon Disulfide	2.514	76	74664	16.86	ug/l	99
18) Methyl Acetate	2.709	43	74899	18.77	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	124101	19.00	ug/l	100
20) Methylene Chloride	2.788	84	40648	19.69	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	35771	18.18	ug/l	96
22) Diisopropyl ether	3.764	45	123660	19.10	ug/l	91
23) Vinyl Acetate	3.727	43	494826	94.39	ug/l	97
24) 1,1-Dichloroethane	3.611	63	69690	19.39	ug/l	98
25) 2-Butanone	4.562	43	169259	92.24	ug/l	93
26) 2,2-Dichloropropane	4.477	77	58330	18.04	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	43842	19.06	ug/l	99
28) Bromochloromethane	4.904	49	26849	16.45	ug/l	99
29) Tetrahydrofuran	5.013	42	109376	93.54	ug/l	91
30) Chloroform	5.105	83	75272	18.96	ug/l	98
31) Cyclohexane	5.477	56	59290	18.58	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	66171	18.78	ug/l	100
36) 1,1-Dichloropropene	5.696	75	51051	17.91	ug/l	100
37) Ethyl Acetate	4.721	43	62081	17.45	ug/l	96
38) Carbon Tetrachloride	5.684	117	56868	18.33	ug/l	97
39) Methylcyclohexane	7.385	83	63359	18.99	ug/l	98
40) Benzene	6.044	78	155082	19.03	ug/l	98

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41) Methacrylonitrile	4.928	41	34649	18.86	ug/l	95
42) 1,2-Dichloroethane	6.092	62	60486	17.67	ug/l	95
43) Isopropyl Acetate	6.349	43	95539	17.66	ug/l	94
44) Trichloroethene	7.129	130	42882	19.12	ug/l	98
45) 1,2-Dichloropropane	7.434	63	40780	19.40	ug/l	96
46) Dibromomethane	7.586	93	28180	17.87	ug/l	98
47) Bromodichloromethane	7.824	83	53249	18.43	ug/l	98
48) Methyl methacrylate	7.696	41	47719	17.82	ug/l	91
49) 1,4-Dioxane	7.665	88	21450	349.62	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	306113	85.72	ug/l	92
52) Toluene	8.720	92	95127	18.07	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	57649	17.60	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	55134	16.56	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	37920	17.42	ug/l	99
56) Ethyl methacrylate	9.116	69	60515	17.47	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	65148	17.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	134641	78.73	ug/l	98
59) 2-Hexanone	9.433	43	242143	86.10	ug/l	89
60) Dibromochloromethane	9.525	129	39874	16.95	ug/l	97
61) 1,2-Dibromoethane	9.610	107	42038	17.59	ug/l	98
64) Tetrachloroethene	9.275	164	35679	21.18	ug/l	94
65) Chlorobenzene	10.080	112	98350	19.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37276	19.73	ug/l	98
67) Ethyl Benzene	10.195	91	178943	19.94	ug/l	98
68) m/p-Xylenes	10.305	106	139310	40.48	ug/l	98
69) o-Xylene	10.647	106	68207	20.04	ug/l	99
70) Styrene	10.659	104	112489	19.77	ug/l	98
71) Bromoform	10.805	173	27559	18.28	ug/l #	99
73) Isopropylbenzene	10.964	105	182998	19.42	ug/l	100
74) N-amyl acetate	10.848	43	77762	17.94	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	62217	18.67	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	58881m	19.45	ug/l	
77) Bromobenzene	11.201	156	45592	18.80	ug/l	96
78) n-propylbenzene	11.305	91	212130	19.26	ug/l	99
79) 2-Chlorotoluene	11.366	91	129776	19.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	158738	19.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18513	18.14	ug/l	89
82) 4-Chlorotoluene	11.457	91	152181	19.27	ug/l	99
83) tert-Butylbenzene	11.720	119	153654	19.04	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	157448	19.67	ug/l	98
85) sec-Butylbenzene	11.890	105	195459	19.69	ug/l	99
86) p-Isopropyltoluene	12.012	119	165821	19.59	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	84758	18.35	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	87043	18.25	ug/l	98
89) n-Butylbenzene	12.335	91	142958	19.07	ug/l	98
90) Hexachloroethane	12.543	117	25807	18.54	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	85990	18.84	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14053	17.46	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	56526	19.45	ug/l	98
94) Hexachlorobutadiene	13.725	225	25590	19.25	ug/l	98
95) Naphthalene	13.780	128	189957	20.42	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58545	19.66	ug/l	100

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

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