

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024618.D
 Acq On : 06 Oct 2021 14:47
 Operator : JC/MD
 Sample : VX1006WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:42 PM

Quant Time: Oct 07 07:46:39 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	150230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120803	57.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.100%
35) Dibromofluoromethane	5.397	113	91641	58.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.140%
50) Toluene-d8	8.653	98	338153	58.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	116.440%#
62) 4-Bromofluorobenzene	11.085	95	119169	52.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32335	21.390	ug/l	95
3) Chloromethane	1.295	50	32070	22.507	ug/l	100
4) Vinyl Chloride	1.374	62	33192	22.269	ug/l	98
5) Bromomethane	1.599	94	20244	20.180	ug/l	95
6) Chloroethane	1.685	64	19017	19.315	ug/l	98
7) Trichlorofluoromethane	1.886	101	50787	19.308	ug/l	99
8) Diethyl Ether	2.136	74	18055	20.167	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	34118	23.002	ug/l	97
10) Methyl Iodide	2.453	142	36348	17.514	ug/l	95
11) Tert butyl alcohol	2.971	59	53545	101.383	ug/l	100
12) 1,1-Dichloroethene	2.319	96	30907	22.443	ug/l	94
13) Acrolein	2.239	56	27718	242.369	ug/l	99
14) Allyl chloride	2.666	41	57465	22.824	ug/l	96
15) Acrylonitrile	3.075	53	115250	119.816	ug/l	97
16) Acetone	2.386	43	109535	117.227	ug/l	92
17) Carbon Disulfide	2.514	76	62719	17.815	ug/l	97
18) Methyl Acetate	2.709	43	73188	23.084	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	122275	23.560	ug/l	99
20) Methylene Chloride	2.794	84	39164	24.129	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	35093	22.441	ug/l	99
22) Diisopropyl ether	3.770	45	120225	23.372	ug/l	98
23) Vinyl Acetate	3.733	43	473056	113.566	ug/l	96
24) 1,1-Dichloroethane	3.611	63	68064	23.831	ug/l	98
25) 2-Butanone	4.568	43	168097	115.281	ug/l	95
26) 2,2-Dichloropropane	4.483	77	55113	21.451	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	42570	23.291	ug/l	99
28) Bromochloromethane	4.910	49	25662	19.792	ug/l	99
29) Tetrahydrofuran	5.019	42	107650	115.863	ug/l	93
30) Chloroform	5.111	83	70873	22.469	ug/l	99
31) Cyclohexane	5.477	56	53079	20.936	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	61083	21.812	ug/l	100
36) 1,1-Dichloropropene	5.702	75	46609	20.468	ug/l	98
37) Ethyl Acetate	4.727	43	62591	22.016	ug/l	95
38) Carbon Tetrachloride	5.690	117	50209	20.256	ug/l	99
39) Methylcyclohexane	7.385	83	53414	20.033	ug/l	91
40) Benzene	6.044	78	141812	21.779	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	34093	23.221	ug/l	94
42) 1,2-Dichloroethane	6.092	62	55251	20.205	ug/l	94
43) Isopropyl Acetate	6.355	43	89805	20.778	ug/l	94
44) Trichloroethene	7.135	130	37445	20.901	ug/l	95
45) 1,2-Dichloropropane	7.440	63	35791	21.306	ug/l	99
46) Dibromomethane	7.586	93	26513	21.047	ug/l	96
47) Bromodichloromethane	7.830	83	45999	19.924	ug/l	97
48) Methyl methacrylate	7.696	41	45194	21.117	ug/l	90
49) 1,4-Dioxane	7.665	88	20896	426.269	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	309831	108.582	ug/l	91
52) Toluene	8.726	92	88505	21.042	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	50122	19.155	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	53422	20.078	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	35785	20.575	ug/l	98
56) Ethyl methacrylate	9.122	69	53608	19.366	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	58180	19.826	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	147722	108.110	ug/l	98
59) 2-Hexanone	9.433	43	229220	102.006	ug/l	86
60) Dibromochloromethane	9.525	129	32501	17.265	ug/l	98
61) 1,2-Dibromoethane	9.616	107	36902	19.327	ug/l	100
64) Tetrachloroethene	9.275	164	31617	20.594	ug/l	93
65) Chlorobenzene	10.080	112	91452	19.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	34473	20.016	ug/l	98
67) Ethyl Benzene	10.195	91	159518	19.500	ug/l	99
68) m/p-Xylenes	10.305	106	124700	39.753	ug/l	98
69) o-Xylene	10.647	106	61458	19.813	ug/l	97
70) Styrene	10.659	104	102834	19.826	ug/l	98
71) Bromoform	10.805	173	23042	16.959	ug/l #	99
73) Isopropylbenzene	10.964	105	165177	20.519	ug/l	100
74) N-amyl acetate	10.848	43	70623	19.074	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	57687	20.264	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	53857m	20.828	ug/l	
77) Bromobenzene	11.201	156	41299	19.938	ug/l	95
78) n-propylbenzene	11.305	91	187669	19.943	ug/l	99
79) 2-Chlorotoluene	11.366	91	118516	20.675	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	141908	20.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15937	18.265	ug/l #	85
82) 4-Chlorotoluene	11.457	91	135603	20.106	ug/l	98
83) tert-Butylbenzene	11.719	119	139455	20.228	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	143642	21.008	ug/l	98
85) sec-Butylbenzene	11.890	105	172985	20.395	ug/l	99
86) p-Isopropyltoluene	12.012	119	147561	20.402	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	76586	19.415	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	78423	19.245	ug/l	98
89) n-Butylbenzene	12.335	91	124881	19.500	ug/l	97
90) Hexachloroethane	12.543	117	20961	17.625	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	77593	19.897	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13155	19.138	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	49236	19.830	ug/l	99
94) Hexachlorobutadiene	13.731	225	23009	20.258	ug/l	98
95) Naphthalene	13.780	128	171257	21.549	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53381	20.981	ug/l	99

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

