

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024761.D
 Acq On : 12 Oct 2021 14:28
 Operator : JC/MD
 Sample : VX1012WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Manual Integrations
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 10/15/2021 1:14:27 PM

Quant Time: Oct 12 15:16:36 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	143273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106332	52.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.320%			
35) Dibromofluoromethane	5.391	113	77677	53.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.400%			
50) Toluene-d8	8.653	98	277704	51.680	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.360%			
62) 4-Bromofluorobenzene	11.085	95	110660	52.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	34784	24.128	ug/l	100
3) Chloromethane	1.295	50	24084	17.723	ug/l	98
4) Vinyl Chloride	1.374	62	25227	17.747	ug/l	96
5) Bromomethane	1.605	94	17954	18.766	ug/l	97
6) Chloroethane	1.685	64	15214	16.245	ug/l	100
7) Trichlorofluoromethane	1.886	101	41839	16.679	ug/l	96
8) Diethyl Ether	2.136	74	13553	15.873	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	24242	17.138	ug/l	98
10) Methyl Iodide	2.453	142	26865	13.573	ug/l	93
11) Tert butyl alcohol	2.971	59	33853	62.825	ug/l	96
12) 1,1-Dichloroethene	2.319	96	21771	16.577	ug/l	99
13) Acrolein	2.239	56	10106	98.871	ug/l	96
14) Allyl chloride	2.666	41	39031	16.255	ug/l	90
15) Acrylonitrile	3.069	53	75102	81.869	ug/l	97
16) Acetone	2.386	43	87012	95.878	ug/l	91
17) Carbon Disulfide	2.514	76	50929	15.202	ug/l	98
18) Methyl Acetate	2.709	43	52465	17.351	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	81736	16.514	ug/l	99
20) Methylene Chloride	2.788	84	26222	16.591	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	24036	16.117	ug/l	93
22) Diisopropyl ether	3.770	45	78765	16.055	ug/l	96
23) Vinyl Acetate	3.727	43	331175	83.365	ug/l	96
24) 1,1-Dichloroethane	3.611	63	44255	16.247	ug/l	97
25) 2-Butanone	4.568	43	129757	93.308	ug/l	93
26) 2,2-Dichloropropane	4.483	77	38777	15.826	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	27733	15.910	ug/l	96
28) Bromochloromethane	4.904	49	22169	17.929	ug/l #	94
29) Tetrahydrofuran	5.019	42	72348	81.649	ug/l	90
30) Chloroform	5.099	83	48242	16.037	ug/l	97
31) Cyclohexane	5.477	56	38223	15.808	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	42503	15.914	ug/l	98
36) 1,1-Dichloropropene	5.696	75	34842	16.537	ug/l	99
37) Ethyl Acetate	4.721	43	43286	16.456	ug/l #	94
38) Carbon Tetrachloride	5.684	117	37298	16.263	ug/l	95
39) Methylcyclohexane	7.385	83	41035	16.634	ug/l	99
40) Benzene	6.044	78	99574	16.528	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22088	16.260	ug/l	93
42) 1,2-Dichloroethane	6.092	62	43564	17.218	ug/l	94
43) Isopropyl Acetate	6.342	43	65864	16.470	ug/l	93
44) Trichloroethene	7.129	130	28127	16.969	ug/l	98
45) 1,2-Dichloropropane	7.434	63	26649	17.146	ug/l	95
46) Dibromomethane	7.586	93	18945	16.255	ug/l	99
47) Bromodichloromethane	7.824	83	34781	16.283	ug/l	99
48) Methyl methacrylate	7.696	41	35420	17.888	ug/l	87
49) 1,4-Dioxane	7.665	88	14429	318.137	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	249248	94.411	ug/l	91
52) Toluene	8.720	92	65436	16.814	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	38878	16.059	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	41711	16.944	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27413	17.036	ug/l	96
56) Ethyl methacrylate	9.122	69	37477	14.633	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	44841	16.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	123270	97.507	ug/l	97
59) 2-Hexanone	9.433	43	196202	94.370	ug/l	87
60) Dibromochloromethane	9.525	129	26676	15.450	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29618	16.766	ug/l	99
64) Tetrachloroethene	9.275	164	26887	18.744	ug/l	96
65) Chlorobenzene	10.080	112	70636	16.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26165	16.260	ug/l	100
67) Ethyl Benzene	10.195	91	126330	16.529	ug/l	99
68) m/p-Xylenes	10.305	106	96816	33.034	ug/l	99
69) o-Xylene	10.647	106	45335	15.643	ug/l	98
70) Styrene	10.659	104	74292	15.330	ug/l	97
71) Bromoform	10.805	173	17738	14.381	ug/l #	98
73) Isopropylbenzene	10.964	105	127028	16.921	ug/l	99
74) N-amyl acetate	10.842	43	53439	15.476	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	43535	16.399	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	41246m	17.104	ug/l	
77) Bromobenzene	11.201	156	32516	16.833	ug/l	96
78) n-propylbenzene	11.305	91	141250	16.096	ug/l	99
79) 2-Chlorotoluene	11.366	91	85632	16.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108931	16.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	11854	14.960	ug/l #	84
82) 4-Chlorotoluene	11.457	91	103032	16.381	ug/l	100
83) tert-Butylbenzene	11.719	119	101396	15.771	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	111095	17.423	ug/l	97
85) sec-Butylbenzene	11.896	105	123793	15.651	ug/l	100
86) p-Isopropyltoluene	12.012	119	112759	16.718	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	57177	15.543	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	57842	15.221	ug/l	99
89) n-Butylbenzene	12.335	91	95173	15.936	ug/l	99
90) Hexachloroethane	12.543	117	16109	14.524	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	57207	15.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9943	15.512	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	35504	15.333	ug/l	99
94) Hexachlorobutadiene	13.725	225	16935	15.988	ug/l	98
95) Naphthalene	13.780	128	119933	16.183	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36761	15.493	ug/l	99

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

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