

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024206.D
 Acq On : 14 Sep 2021 14:43
 Operator : JC/MD
 Sample : VX0914WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBSD01

Manual Integrations
 APPROVED

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 9/22/2021 7:38:12 PM

Quant Time: Sep 22 07:37:37 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	5.556	168	182110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	285947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131291	50.558	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.391	113	95835	49.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.653	98	349134	49.976	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.085	95	139603	51.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	35703	20.395	ug/l	100
3) Chloromethane	1.294	50	36284	19.848	ug/l	100
4) Vinyl Chloride	1.374	62	36036	19.807	ug/l	98
5) Bromomethane	1.599	94	28667	26.468	ug/l	93
6) Chloroethane	1.685	64	22797	18.970	ug/l	94
7) Trichlorofluoromethane	1.886	101	62278	20.407	ug/l	97
8) Diethyl Ether	2.142	74	21982	20.816	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	37089	20.687	ug/l	95
10) Methyl Iodide	2.453	142	44918	18.109	ug/l	91
11) Tert butyl alcohol	2.971	59	58925	94.374	ug/l	99
12) 1,1-Dichloroethene	2.319	96	34053	20.280	ug/l	91
13) Acrolein	2.239	56	15894	92.864	ug/l	94
14) Allyl chloride	2.666	41	61967	20.307	ug/l	90
15) Acrylonitrile	3.068	53	110753	104.273	ug/l	98
16) Acetone	2.386	43	108878	98.330	ug/l	90
17) Carbon Disulfide	2.514	76	82345	19.569	ug/l	98
18) Methyl Acetate	2.709	43	71843	20.695	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	130653	21.172	ug/l	100
20) Methylene Chloride	2.794	84	41866	19.690	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	37262	20.270	ug/l	98
22) Diisopropyl ether	3.770	45	126330	21.078	ug/l	99
23) Vinyl Acetate	3.727	43	526225	108.133	ug/l	95
24) 1,1-Dichloroethane	3.617	63	71963	20.462	ug/l	98
25) 2-Butanone	4.568	43	165498	101.478	ug/l	96
26) 2,2-Dichloropropane	4.483	77	61915	20.100	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	44143	20.793	ug/l	95
28) Bromochloromethane	4.904	49	26882	18.759	ug/l	97
29) Tetrahydrofuran	5.013	42	106179	104.017	ug/l	90
30) Chloroform	5.105	83	76160	20.364	ug/l	99
31) Cyclohexane	5.471	56	61677	20.305	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	68031	20.325	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53796	20.463	ug/l	99
37) Ethyl Acetate	4.727	43	63251	20.648	ug/l	94
38) Carbon Tetrachloride	5.684	117	60687	20.509	ug/l	98
39) Methylcyclohexane	7.385	83	67129	21.387	ug/l	95
40) Benzene	6.044	78	158044	20.960	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33885	20.742	ug/l	93
42) 1,2-Dichloroethane	6.092	62	67423	21.443	ug/l	94
43) Isopropyl Acetate	6.348	43	102769	21.075	ug/l	93
44) Trichloroethene	7.129	130	43975	20.757	ug/l	98
45) 1,2-Dichloropropane	7.434	63	42237	21.223	ug/l	96
46) Dibromomethane	7.586	93	31822	21.844	ug/l	97
47) Bromodichloromethane	7.824	83	57943	21.391	ug/l	96
48) Methyl methacrylate	7.696	41	51623	21.217	ug/l	86
49) 1,4-Dioxane	7.665	88	22181	435.388	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	334486	107.643	ug/l	91
52) Toluene	8.720	92	104649	21.175	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65843	21.434	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	68069	21.413	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	44483	21.135	ug/l	93
56) Ethyl methacrylate	9.122	69	69063	20.484	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	73955	21.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	162633	106.776	ug/l	97
59) 2-Hexanone	9.433	43	264089	109.072	ug/l	88
60) Dibromochloromethane	9.525	129	43274	19.230	ug/l	96
61) 1,2-Dibromoethane	9.610	107	47009	20.961	ug/l	100
64) Tetrachloroethene	9.275	164	45083	21.570	ug/l	96
65) Chlorobenzene	10.079	112	115028	20.724	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42246	20.537	ug/l	96
67) Ethyl Benzene	10.195	91	203839	20.994	ug/l	99
68) m/p-Xylenes	10.305	106	160104	43.070	ug/l	99
69) o-Xylene	10.646	106	77446	20.871	ug/l	97
70) Styrene	10.659	104	128865	21.408	ug/l	97
71) Bromoform	10.805	173	31855	19.265	ug/l #	100
73) Isopropylbenzene	10.963	105	204409	20.357	ug/l	98
74) N-amyl acetate	10.848	43	90873	21.498	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	70147	21.593	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	66327m	21.392	ug/l	
77) Bromobenzene	11.201	156	51416	20.374	ug/l	96
78) n-propylbenzene	11.305	91	236310	20.832	ug/l	99
79) 2-Chlorotoluene	11.366	91	145977	20.717	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	177188	20.934	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20752	19.684	ug/l	88
82) 4-Chlorotoluene	11.457	91	168049	20.962	ug/l	99
83) tert-Butylbenzene	11.719	119	170623	20.886	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	176782	21.232	ug/l	99
85) sec-Butylbenzene	11.896	105	218256	21.323	ug/l	100
86) p-Isopropyltoluene	12.012	119	182648	21.258	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	94998	21.015	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	96011	20.808	ug/l	98
89) n-Butylbenzene	12.335	91	158243	21.286	ug/l	97
90) Hexachloroethane	12.542	117	28747	20.767	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	93858	21.164	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15303	20.533	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	55865	21.376	ug/l	99
94) Hexachlorobutadiene	13.725	225	27564	21.121	ug/l	97
95) Naphthalene	13.780	128	178789	19.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54489	20.685	ug/l	99

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

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