

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024383.D
 Acq On : 21 Sep 2021 14:04
 Operator : JC/MD
 Sample : VX0921WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:44 AM

Quant Time: Sep 21 15:40:10 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	176186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125255	49.856	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.720%			
35) Dibromofluoromethane	5.391	113	94741	52.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.653	98	352692	53.334	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.660%			
62) 4-Bromofluorobenzene	11.085	95	141417	54.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	30369	17.931	ug/l	100
3) Chloromethane	1.294	50	31984	18.084	ug/l	98
4) Vinyl Chloride	1.374	62	31439	17.862	ug/l	100
5) Bromomethane	1.599	94	20049	19.134	ug/l	98
6) Chloroethane	1.685	64	18045	15.521	ug/l	98
7) Trichlorofluoromethane	1.886	101	49773	16.858	ug/l	96
8) Diethyl Ether	2.142	74	17282	16.916	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	31743	18.301	ug/l	97
10) Methyl Iodide	2.459	142	42916	17.884	ug/l	92
11) Tert butyl alcohol	2.977	59	49515	78.938	ug/l	98
12) 1,1-Dichloroethene	2.319	96	27294	16.802	ug/l	88
13) Acrolein	2.245	56	12999	78.503	ug/l	95
14) Allyl chloride	2.666	41	56570	19.161	ug/l	94
15) Acrylonitrile	3.068	53	108135	105.231	ug/l	99
16) Acetone	2.386	43	110886	103.511	ug/l	93
17) Carbon Disulfide	2.514	76	67710	16.632	ug/l	99
18) Methyl Acetate	2.709	43	69843	20.796	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	120398	20.167	ug/l	99
20) Methylene Chloride	2.794	84	41172	20.015	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	33718	18.959	ug/l	97
22) Diisopropyl ether	3.770	45	121108	20.886	ug/l	98
23) Vinyl Acetate	3.727	43	479407	101.824	ug/l	95
24) 1,1-Dichloroethane	3.611	63	66172	19.448	ug/l	97
25) 2-Butanone	4.562	43	160004	101.408	ug/l	92
26) 2,2-Dichloropropane	4.483	77	56837	19.072	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	40267	19.605	ug/l	97
28) Bromochloromethane	4.910	49	24006	17.316	ug/l	97
29) Tetrahydrofuran	5.019	42	101248	102.522	ug/l	89
30) Chloroform	5.099	83	71041	19.634	ug/l	93
31) Cyclohexane	5.477	56	55356	18.837	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	62506	19.302	ug/l	100
36) 1,1-Dichloropropene	5.702	75	48758	19.593	ug/l	99
37) Ethyl Acetate	4.727	43	59636	20.566	ug/l	95
38) Carbon Tetrachloride	5.684	117	52956	18.906	ug/l	96
39) Methylcyclohexane	7.385	83	60282	20.289	ug/l	96
40) Benzene	6.044	78	144634	20.264	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32427	20.969	ug/l	92
42) 1,2-Dichloroethane	6.092	62	59143	19.871	ug/l	95
43) Isopropyl Acetate	6.348	43	94965	20.573	ug/l	94
44) Trichloroethene	7.129	130	39409	19.651	ug/l	97
45) 1,2-Dichloropropane	7.434	63	39603	21.022	ug/l	99
46) Dibromomethane	7.586	93	27527	19.962	ug/l	100
47) Bromodichloromethane	7.824	83	50376	19.647	ug/l	100
48) Methyl methacrylate	7.702	41	45714	19.849	ug/l	89
49) 1,4-Dioxane	7.665	88	20888	433.139	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	315244	107.175	ug/l	91
52) Toluene	8.720	92	97433	20.828	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58153	19.999	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	61152	20.322	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	41005	20.582	ug/l	96
56) Ethyl methacrylate	9.122	69	63588	19.962	ug/l	89
57) 1,3-Dichloropropane	9.311	76	67939	20.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	139386	96.676	ug/l	98
59) 2-Hexanone	9.433	43	247571	108.018	ug/l	89
60) Dibromochloromethane	9.525	129	39848	18.754	ug/l	98
61) 1,2-Dibromoethane	9.616	107	41984	19.777	ug/l	100
64) Tetrachloroethene	9.275	164	40043	21.862	ug/l	91
65) Chlorobenzene	10.085	112	97592	20.063	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38421	21.312	ug/l	98
67) Ethyl Benzene	10.195	91	185165	21.761	ug/l	100
68) m/p-Xylenes	10.305	106	147050	45.139	ug/l	98
69) o-Xylene	10.646	106	72477	22.288	ug/l	99
70) Styrene	10.659	104	120144	22.775	ug/l	99
71) Bromoform	10.805	173	28856	19.876	ug/l #	100
73) Isopropylbenzene	10.963	105	194452	19.514	ug/l	100
74) N-amyl acetate	10.848	43	81645	19.463	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	67152	20.831	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62461m	20.300	ug/l	
77) Bromobenzene	11.201	156	48758	19.469	ug/l	96
78) n-propylbenzene	11.305	91	218921	19.448	ug/l	99
79) 2-Chlorotoluene	11.366	91	138131	19.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	165533	19.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19307	18.454	ug/l	90
82) 4-Chlorotoluene	11.457	91	157614	19.812	ug/l	98
83) tert-Butylbenzene	11.719	119	161687	19.944	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	165469	20.027	ug/l	98
85) sec-Butylbenzene	11.896	105	203865	20.071	ug/l	100
86) p-Isopropyltoluene	12.012	119	168566	19.771	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	90731	20.226	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	91523	19.988	ug/l	99
89) n-Butylbenzene	12.335	91	145202	19.683	ug/l	98
90) Hexachloroethane	12.542	117	25594	18.632	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	89995	20.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13217	17.871	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	46098	17.775	ug/l	98
94) Hexachlorobutadiene	13.725	225	22686	17.517	ug/l	99
95) Naphthalene	13.780	128	141923	15.746	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44751	17.119	ug/l	99

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

