

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024143.D
 Acq On : 09 Sep 2021 16:20
 Operator : JC/MD
 Sample : VX0909WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:45:51 PM

Quant Time: Sep 10 07:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104349	49.784	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.391	113	78467	51.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	8.653	98	271055	46.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.085	95	109671	51.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	28888	18.232	ug/l	99
3) Chloromethane	1.294	50	26614	15.301	ug/l	99
4) Vinyl Chloride	1.373	62	26665	15.718	ug/l	99
5) Bromomethane	1.605	94	20874	19.571	ug/l	98
6) Chloroethane	1.684	64	16994	14.038	ug/l	92
7) Trichlorofluoromethane	1.886	101	46260	17.268	ug/l	97
8) Diethyl Ether	2.142	74	16522	17.660	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	27122	17.992	ug/l	97
10) Methyl Iodide	2.459	142	32628	15.545	ug/l	91
11) Tert butyl alcohol	2.977	59	44643	105.318	ug/l	96
12) 1,1-Dichloroethene	2.318	96	24124	16.738	ug/l	88
13) Acrolein	2.239	56	19297	76.500	ug/l	95
14) Allyl chloride	2.666	41	43982	16.559	ug/l	88
15) Acrylonitrile	3.068	53	79809	84.502	ug/l	97
16) Acetone	2.385	43	82856	88.408	ug/l	88
17) Carbon Disulfide	2.513	76	56120	16.326	ug/l	100
18) Methyl Acetate	2.709	43	52124	22.279	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	93524	18.644	ug/l	99
20) Methylene Chloride	2.794	84	30431	16.999	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	27173	17.651	ug/l	99
22) Diisopropyl ether	3.769	45	91760	17.345	ug/l	95
23) Vinyl Acetate	3.727	43	397614	92.911	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	51289	17.420	ug/l	97
25) 2-Butanone	4.568	43	119871	84.444	ug/l	92
26) 2,2-Dichloropropane	4.483	77	45077	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	32389	17.681	ug/l	96
28) Bromochloromethane	4.903	49	23011	17.189	ug/l	99
29) Tetrahydrofuran	5.013	42	75850	82.493	ug/l	90
30) Chloroform	5.098	83	56110	17.999	ug/l	98
31) Cyclohexane	5.470	56	44704	16.601	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	49560	18.566	ug/l	98
36) 1,1-Dichloropropene	5.696	75	38914	18.247	ug/l	99
37) Ethyl Acetate	4.720	43	45586	17.389	ug/l #	93
38) Carbon Tetrachloride	5.684	117	43365	19.500	ug/l	98
39) Methylcyclohexane	7.385	83	48207	18.565	ug/l	96
40) Benzene	6.043	78	113489	17.996	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	24725	17.398	ug/l	92
42) 1,2-Dichloroethane	6.092	62	50669	20.444	ug/l	94
43) Isopropyl Acetate	6.348	43	73319	17.880	ug/l	93
44) Trichloroethene	7.128	130	32132	18.445	ug/l	97
45) 1,2-Dichloropropane	7.433	63	30329	18.112	ug/l	97
46) Dibromomethane	7.586	93	22352	19.181	ug/l	96
47) Bromodichloromethane	7.823	83	41194	19.540	ug/l	96
48) Methyl methacrylate	7.695	41	43935	21.964	ug/l	85
49) 1,4-Dioxane	7.665	88	14398	340.565	ug/l #	93
51) 4-Methyl-2-Pentanone	8.579	43	236550	89.241	ug/l	90
52) Toluene	8.720	92	74299	18.182	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	44199	17.675	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	47316	18.523	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	32496	19.316	ug/l	98
56) Ethyl methacrylate	9.122	69	38450	13.932	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	52550	18.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	132492	97.802	ug/l	97
59) 2-Hexanone	9.433	43	185383	90.985	ug/l	87
60) Dibromochloromethane	9.524	129	32029	18.344	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34094	19.183	ug/l	99
64) Tetrachloroethene	9.274	164	32868	18.888	ug/l	95
65) Chlorobenzene	10.079	112	83802	18.432	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31272	19.326	ug/l	99
67) Ethyl Benzene	10.195	91	145706	18.352	ug/l	97
68) m/p-Xylenes	10.305	106	112040	37.050	ug/l	100
69) o-Xylene	10.646	106	52616	17.706	ug/l	97
70) Styrene	10.658	104	80318	16.590	ug/l	96
71) Bromoform	10.805	173	21905	17.947	ug/l #	99
73) Isopropylbenzene	10.963	105	146555	17.593	ug/l	99
74) N-amyl acetate	10.847	43	62120	16.501	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	50488	18.494	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	46222m	18.143	ug/l	
77) Bromobenzene	11.201	156	37116	18.090	ug/l	95
78) n-propylbenzene	11.305	91	163856	17.198	ug/l	99
79) 2-Chlorotoluene	11.366	91	100997	17.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	125261	18.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	13484	15.569	ug/l #	83
82) 4-Chlorotoluene	11.457	91	116265	17.787	ug/l	98
83) tert-Butylbenzene	11.719	119	118467	17.818	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	126532	18.538	ug/l	99
85) sec-Butylbenzene	11.896	105	141167	16.771	ug/l	100
86) p-Isopropyltoluene	12.012	119	129072	18.631	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	65999	17.780	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	66029	17.835	ug/l	97
89) n-Butylbenzene	12.335	91	113376	18.329	ug/l	97
90) Hexachloroethane	12.542	117	19349	17.019	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	65147	18.116	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10362	17.650	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	39003	18.021	ug/l	98
94) Hexachlorobutadiene	13.731	225	20167	20.906	ug/l	97
95) Naphthalene	13.780	128	125035	16.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41308	19.164	ug/l	97

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

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