

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024348.D
 Acq On : 20 Sep 2021 13:56
 Operator : JC/MD
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:00:34 PM

Quant Time: Sep 21 08:40:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	177335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128619	50.863	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.720%
35) Dibromofluoromethane	5.391	113	96885	52.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.980%
50) Toluene-d8	8.653	98	298927	44.881	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.760%#
62) 4-Bromofluorobenzene	11.085	95	118901	45.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	32766	19.221	ug/l	100
3) Chloromethane	1.295	50	34314	19.276	ug/l	97
4) Vinyl Chloride	1.374	62	34388	19.410	ug/l	98
5) Bromomethane	1.599	94	22221	21.069	ug/l	95
6) Chloroethane	1.685	64	19027	15.092	ug/l	99
7) Trichlorofluoromethane	1.886	101	52451	17.649	ug/l	98
8) Diethyl Ether	2.136	74	18714	18.199	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	30417	17.422	ug/l	93
10) Methyl Iodide	2.453	142	41104	17.018	ug/l	91
11) Tert butyl alcohol	2.977	59	53226	85.872	ug/l	98
12) 1,1-Dichloroethene	2.319	96	26846	16.419	ug/l	89
13) Acrolein	2.240	56	15029	90.175	ug/l	93
14) Allyl chloride	2.666	41	50536	17.006	ug/l	88
15) Acrylonitrile	3.069	53	92054	89.002	ug/l	97
16) Acetone	2.386	43	98381	91.242	ug/l	89
17) Carbon Disulfide	2.514	76	62665	15.293	ug/l	97
18) Methyl Acetate	2.709	43	60920	18.021	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	108833	18.111	ug/l	99
20) Methylene Chloride	2.794	84	34218	16.526	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	29914	16.711	ug/l	93
22) Diisopropyl ether	3.770	45	111490	19.102	ug/l	95
23) Vinyl Acetate	3.727	43	451139	95.199	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	59700	17.432	ug/l	98
25) 2-Butanone	4.562	43	167563	105.511	ug/l	94
26) 2,2-Dichloropropane	4.477	77	60863	20.290	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	43768	21.172	ug/l	97
28) Bromochloromethane	4.904	49	24188	17.334	ug/l	# 95
29) Tetrahydrofuran	5.013	42	105666	106.302	ug/l	89
30) Chloroform	5.099	83	77108	21.172	ug/l	97
31) Cyclohexane	5.477	56	60112	20.323	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	65942	20.231	ug/l	99
36) 1,1-Dichloropropene	5.696	75	53231	21.238	ug/l	99
37) Ethyl Acetate	4.721	43	63224	21.648	ug/l	95
38) Carbon Tetrachloride	5.684	117	57826	20.498	ug/l	98
39) Methylcyclohexane	7.379	83	63691	21.284	ug/l	97
40) Benzene	6.044	78	154686	21.518	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33831	21.721	ug/l	93
42) 1,2-Dichloroethane	6.092	62	65268	21.773	ug/l	95
43) Isopropyl Acetate	6.349	43	100278	21.569	ug/l	93
44) Trichloroethene	7.129	130	42747	21.164	ug/l	94
45) 1,2-Dichloropropane	7.434	63	41530	21.888	ug/l	91
46) Dibromomethane	7.586	93	30831	22.199	ug/l	96
47) Bromodichloromethane	7.824	83	55215	21.380	ug/l	98
48) Methyl methacrylate	7.696	41	49425	21.307	ug/l	90
49) 1,4-Dioxane	7.665	88	21908	451.053	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	312889	105.616	ug/l	91
52) Toluene	8.720	92	86014	18.256	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	54190	18.503	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	56645	18.690	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	37682	18.779	ug/l	97
56) Ethyl methacrylate	9.122	69	56247	17.697	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	61803	18.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	144264	99.346	ug/l	99
59) 2-Hexanone	9.433	43	224242	97.142	ug/l	87
60) Dibromochloromethane	9.525	129	37067	17.452	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39320	18.390	ug/l	99
64) Tetrachloroethene	9.275	164	38451	22.299	ug/l	93
65) Chlorobenzene	10.080	112	96449	21.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	37077	21.846	ug/l	99
67) Ethyl Benzene	10.195	91	169328	21.137	ug/l	100
68) m/p-Xylenes	10.305	106	132339	43.150	ug/l	99
69) o-Xylene	10.647	106	65308	21.332	ug/l	99
70) Styrene	10.659	104	106568	21.458	ug/l	96
71) Bromoform	10.805	173	27945	20.413	ug/l #	99
73) Isopropylbenzene	10.964	105	172280	20.178	ug/l	100
74) N-amyl acetate	10.842	43	75179	20.917	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	59785	21.644	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	55868m	21.191	ug/l	
77) Bromobenzene	11.201	156	44638	20.802	ug/l	93
78) n-propylbenzene	11.305	91	196278	20.350	ug/l	99
79) 2-Chlorotoluene	11.366	91	122123	20.384	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	147450	20.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17324	19.326	ug/l #	82
82) 4-Chlorotoluene	11.457	91	141209	20.715	ug/l	100
83) tert-Butylbenzene	11.720	119	142437	20.505	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	146515	20.696	ug/l	99
85) sec-Butylbenzene	11.896	105	180944	20.791	ug/l	99
86) p-Isopropyltoluene	12.012	119	153270	20.980	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	80216	20.870	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	82226	20.959	ug/l	99
89) n-Butylbenzene	12.335	91	133928	21.188	ug/l	97
90) Hexachloroethane	12.543	117	23003	19.544	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	81345	21.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11968	18.886	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	47315	21.293	ug/l	99
94) Hexachlorobutadiene	13.725	225	23917	21.554	ug/l	99
95) Naphthalene	13.780	128	150912	19.231	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47662	21.280	ug/l	99

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

