

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024405.D
 Acq On : 21 Sep 2021 23:52
 Operator : JC/MD
 Sample : VX0921WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:55 AM

Quant Time: Sep 22 04:54:41 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	149849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	115702	54.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.300%			
35) Dibromofluoromethane	5.403	113	86439	54.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	8.653	98	307120	53.076	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.160%			
62) 4-Bromofluorobenzene	11.085	95	120875	53.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	23547	16.347	ug/l	97
3) Chloromethane	1.294	50	23574	15.672	ug/l	98
4) Vinyl Chloride	1.374	62	24739	16.525	ug/l	96
5) Bromomethane	1.599	94	19092	21.423	ug/l	96
6) Chloroethane	1.685	64	15887	16.066	ug/l	96
7) Trichlorofluoromethane	1.886	101	44907	17.883	ug/l	95
8) Diethyl Ether	2.142	74	15180	17.470	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	24480	16.594	ug/l	94
10) Methyl Iodide	2.459	142	32318	15.835	ug/l	92
11) Tert butyl alcohol	2.977	59	34555	60.632	ug/l	96
12) 1,1-Dichloroethene	2.319	96	22534	16.309	ug/l	94
13) Acrolein	2.245	56	12035	85.456	ug/l	95
14) Allyl chloride	2.666	41	40163	15.995	ug/l	87
15) Acrylonitrile	3.075	53	75227	86.074	ug/l	98
16) Acetone	2.392	43	70548	77.430	ug/l	89
17) Carbon Disulfide	2.514	76	49855	14.398	ug/l	98
18) Methyl Acetate	2.715	43	53094	18.587	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	87052	17.144	ug/l	94
20) Methylene Chloride	2.794	84	28961	16.553	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	25228	16.678	ug/l	97
22) Diisopropyl ether	3.776	45	88368	17.918	ug/l	92
23) Vinyl Acetate	3.733	43	344550	86.043	ug/l	94
24) 1,1-Dichloroethane	3.617	63	49473	17.096	ug/l	99
25) 2-Butanone	4.574	43	111221	82.879	ug/l	94
26) 2,2-Dichloropropane	4.489	77	33330	13.149	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	30296	17.343	ug/l	97
28) Bromochloromethane	4.910	49	20957	17.773	ug/l	95
29) Tetrahydrofuran	5.025	42	71722	85.388	ug/l	89
30) Chloroform	5.105	83	54759	17.794	ug/l	98
31) Cyclohexane	5.477	56	39932	15.976	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	48728	17.692	ug/l	98
36) 1,1-Dichloropropene	5.702	75	36494	16.759	ug/l	99
37) Ethyl Acetate	4.727	43	41123	16.207	ug/l	95
38) Carbon Tetrachloride	5.690	117	42020	17.145	ug/l	96
39) Methylcyclohexane	7.385	83	40797	15.692	ug/l	96
40) Benzene	6.050	78	108654	17.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	23650	17.478	ug/l	91
42) 1,2-Dichloroethane	6.098	62	47470	18.227	ug/l	93
43) Isopropyl Acetate	6.354	43	69273	17.151	ug/l #	91
44) Trichloroethene	7.135	130	29940	17.062	ug/l	99
45) 1,2-Dichloropropane	7.440	63	28325	17.183	ug/l	94
46) Dibromomethane	7.586	93	20999	17.403	ug/l	98
47) Bromodichloromethane	7.830	83	39605	17.652	ug/l	99
48) Methyl methacrylate	7.702	41	34120	16.931	ug/l	85
49) 1,4-Dioxane	7.665	88	14460	342.675	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	227756	88.491	ug/l	91
52) Toluene	8.726	92	70657	17.261	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	40102	15.761	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	43575	16.549	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	30201	17.324	ug/l	94
56) Ethyl methacrylate	9.122	69	43443	15.884	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	50124	17.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	111933	88.724	ug/l	98
59) 2-Hexanone	9.433	43	178672	89.092	ug/l	86
60) Dibromochloromethane	9.525	129	29397	16.082	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31796	17.117	ug/l	100
64) Tetrachloroethene	9.281	164	31297	18.288	ug/l	98
65) Chlorobenzene	10.079	112	78393	17.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30153	17.902	ug/l	98
67) Ethyl Benzene	10.195	91	137721	17.323	ug/l	99
68) m/p-Xylenes	10.305	106	107817	35.422	ug/l	99
69) o-Xylene	10.646	106	52555	17.297	ug/l	98
70) Styrene	10.659	104	86718	17.594	ug/l	97
71) Bromoform	10.805	173	20591	15.445	ug/l #	99
73) Isopropylbenzene	10.963	105	139482	16.858	ug/l	100
74) N-amyl acetate	10.848	43	58648	16.838	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	48019	17.939	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	43128m	16.881	ug/l	
77) Bromobenzene	11.201	156	34941	16.803	ug/l	95
78) n-propylbenzene	11.305	91	158357	16.942	ug/l	99
79) 2-Chlorotoluene	11.366	91	100119	17.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	117906	16.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11783	13.564	ug/l #	82
82) 4-Chlorotoluene	11.457	91	113641	17.203	ug/l	99
83) tert-Butylbenzene	11.719	119	114310	16.981	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	118216	17.231	ug/l	98
85) sec-Butylbenzene	11.896	105	143915	17.064	ug/l	99
86) p-Isopropyltoluene	12.012	119	119866	16.931	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	65446	17.570	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65839	17.317	ug/l	98
89) n-Butylbenzene	12.335	91	100810	16.457	ug/l	97
90) Hexachloroethane	12.542	117	18338	16.077	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	64370	17.615	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9357	15.237	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	36085	16.757	ug/l	98
94) Hexachlorobutadiene	13.725	225	17777	16.532	ug/l	99
95) Naphthalene	13.780	128	117645	15.721	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37614	17.329	ug/l	97

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

