

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022608.D
 Acq On : 09 Jun 2021 13:03
 Operator : JC/MD
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 12:12:04 PM

Quant Time: Jun 10 05:40:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	136052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56838	45.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.940%		
35) Dibromofluoromethane	5.391	113	40735	47.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	8.653	98	161224	47.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.940%		
62) 4-Bromofluorobenzene	11.079	95	58890	46.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	16060	19.803	ug/l	91
3) Chloromethane	1.294	50	18476	18.863	ug/l	99
4) Vinyl Chloride	1.374	62	16813	17.586	ug/l	96
5) Bromomethane	1.599	94	10450	20.805	ug/l	96
6) Chloroethane	1.685	64	10530	17.492	ug/l	98
7) Trichlorofluoromethane	1.886	101	25333	18.195	ug/l	95
8) Diethyl Ether	2.136	74	10344	18.223	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	15731	18.428	ug/l	89
10) Methyl Iodide	2.453	142	15999	15.922	ug/l	97
11) Tert butyl alcohol	2.977	59	25030	90.262	ug/l	99
12) 1,1-Dichloroethene	2.319	96	14862	16.854	ug/l	94
13) Acrolein	2.239	56	10612	82.327	ug/l	98
14) Allyl chloride	2.666	41	28688	17.742	ug/l	92
15) Acrylonitrile	3.068	53	53613	92.736	ug/l	99
16) Acetone	2.386	43	48169	86.709	ug/l	98
17) Carbon Disulfide	2.514	76	32101	16.949	ug/l	99
18) Methyl Acetate	2.709	43	28915	18.874	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	54382	18.496	ug/l	95
20) Methylene Chloride	2.794	84	19070	16.442	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	17073	17.191	ug/l	92
22) Diisopropyl ether	3.770	45	58081	17.905	ug/l	96
23) Vinyl Acetate	3.733	43	277260	90.830	ug/l	94
24) 1,1-Dichloroethane	3.617	63	33410	18.095	ug/l	97
25) 2-Butanone	4.568	43	82042	89.361	ug/l	93
26) 2,2-Dichloropropane	4.483	77	25409	17.958	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	19920	17.084	ug/l	96
28) Bromochloromethane	4.904	49	16399	17.571	ug/l	# 76
29) Tetrahydrofuran	5.013	42	48230	89.515	ug/l	89
30) Chloroform	5.105	83	33676	18.161	ug/l	95
31) Cyclohexane	5.483	56	27028	18.481	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	25736	17.498	ug/l	94
36) 1,1-Dichloropropene	5.702	75	24730	18.790	ug/l	97
37) Ethyl Acetate	4.727	43	31236	18.503	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	21183	18.499	ug/l	94
39) Methylcyclohexane	7.385	83	26953	19.461	ug/l	92
40) Benzene	6.044	78	74398	18.316	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16419	17.676	ug/l	95
42) 1,2-Dichloroethane	6.092	62	28217	18.845	ug/l	96
43) Isopropyl Acetate	6.348	43	51291	18.730	ug/l	93
44) Trichloroethene	7.129	130	17806	18.580	ug/l	99
45) 1,2-Dichloropropane	7.434	63	20166	19.301	ug/l	92
46) Dibromomethane	7.586	93	12969	18.211	ug/l #	84
47) Bromodichloromethane	7.830	83	22952	18.043	ug/l	94
48) Methyl methacrylate	7.696	41	24307	19.075	ug/l	88
49) 1,4-Dioxane	7.665	88	9780	379.489	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	165919	97.255	ug/l	90
52) Toluene	8.720	92	47007	18.427	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	25948	17.647	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	29311	18.068	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	19309	19.421	ug/l	96
56) Ethyl methacrylate	9.122	69	31465	18.819	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	34137	18.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	85837	89.309	ug/l	95
59) 2-Hexanone	9.433	43	124677	95.663	ug/l	88
60) Dibromochloromethane	9.525	129	15222	17.807	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19944	19.028	ug/l	96
64) Tetrachloroethene	9.275	164	15001	18.071	ug/l #	87
65) Chlorobenzene	10.079	112	48917	18.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15508	17.985	ug/l	97
67) Ethyl Benzene	10.195	91	88468	18.660	ug/l	99
68) m/p-Xylenes	10.305	106	65730	38.144	ug/l	97
69) o-Xylene	10.646	106	31347	18.605	ug/l	94
70) Styrene	10.659	104	53301	18.712	ug/l	97
71) Bromoform	10.799	173	8300	16.800	ug/l #	100
73) Isopropylbenzene	10.963	105	85116	19.035	ug/l	98
74) N-amyl acetate	10.848	43	43476	18.121	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	30374	18.871	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27227m	19.156	ug/l	
77) Bromobenzene	11.201	156	17373	18.032	ug/l	83
78) n-propylbenzene	11.305	91	101358	18.676	ug/l	98
79) 2-Chlorotoluene	11.366	91	60425	18.709	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	71575	18.734	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	7417	17.515	ug/l #	79
82) 4-Chlorotoluene	11.457	91	69360	18.554	ug/l	97
83) tert-Butylbenzene	11.719	119	64914	19.073	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	71246	18.541	ug/l	98
85) sec-Butylbenzene	11.896	105	85233	18.819	ug/l	98
86) p-Isopropyltoluene	12.012	119	71181	19.015	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	35034	18.726	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	34061	17.475	ug/l	94
89) n-Butylbenzene	12.335	91	68933	19.178	ug/l	96
90) Hexachloroethane	12.542	117	8962	16.903	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	33175	18.683	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5763	18.312	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	19817	18.563	ug/l	97
94) Hexachlorobutadiene	13.725	225	6986	18.260	ug/l	99
95) Naphthalene	13.780	128	80491	18.807	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19649	18.417	ug/l	96

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

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