

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022642.D
 Acq On : 10 Jun 2021 14:33
 Operator : JC/MD
 Sample : VX0610WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:43 PM

Quant Time: Jun 11 06:43:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64342	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55668	48.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.397	113	39119	47.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.653	98	159842	49.205	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.085	95	58418	47.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	14825	19.634	ug/l	97
3) Chloromethane	1.294	50	15749	17.262	ug/l	99
4) Vinyl Chloride	1.374	62	15298	17.065	ug/l	97
5) Bromomethane	1.599	94	10354	21.232	ug/l	91
6) Chloroethane	1.685	64	10153	18.704	ug/l	99
7) Trichlorofluoromethane	1.886	101	23954	18.555	ug/l	95
8) Diethyl Ether	2.136	74	9570	18.350	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	14875	18.887	ug/l	90
10) Methyl Iodide	2.453	142	15355	17.389	ug/l	96
11) Tert butyl alcohol	2.977	59	23151	86.407	ug/l	98
12) 1,1-Dichloroethene	2.319	96	14026	17.955	ug/l	92
13) Acrolein	2.245	56	10313	91.851	ug/l	95
14) Allyl chloride	2.666	41	27147	17.976	ug/l	93
15) Acrylonitrile	3.068	53	50620	96.196	ug/l	99
16) Acetone	2.386	43	46974	90.657	ug/l	95
17) Carbon Disulfide	2.514	76	30202	17.182	ug/l	99
18) Methyl Acetate	2.709	43	27736	17.783	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	51002	18.816	ug/l	97
20) Methylene Chloride	2.794	84	19322	19.141	ug/l	# 88
21) trans-1,2-Dichloroethene	3.099	96	16733	19.331	ug/l	96
22) Diisopropyl ether	3.770	45	56129	18.780	ug/l	91
23) Vinyl Acetate	3.727	43	266807	96.868	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	32497	18.737	ug/l	98
25) 2-Butanone	4.568	43	78514	93.431	ug/l	95
26) 2,2-Dichloropropane	4.483	77	23751	17.957	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	19451	18.443	ug/l	96
28) Bromochloromethane	4.904	49	16145	19.252	ug/l	# 77
29) Tetrahydrofuran	5.013	42	45304	92.591	ug/l	89
30) Chloroform	5.105	83	31834	18.414	ug/l	97
31) Cyclohexane	5.471	56	25703	18.412	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	25571	18.016	ug/l	96
36) 1,1-Dichloropropene	5.702	75	23472	18.239	ug/l	99
37) Ethyl Acetate	4.727	43	29641	18.122	ug/l	95
38) Carbon Tetrachloride	5.684	117	19619	17.822	ug/l	99
39) Methylcyclohexane	7.385	83	26002	19.368	ug/l	98
40) Benzene	6.044	78	72266	18.875	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	16117	18.387	ug/l	94
42) 1,2-Dichloroethane	6.098	62	27800	19.741	ug/l	97
43) Isopropyl Acetate	6.348	43	48652	18.835	ug/l	93
44) Trichloroethene	7.129	130	16988	18.901	ug/l	88
45) 1,2-Dichloropropane	7.440	63	19598	18.972	ug/l	92
46) Dibromomethane	7.586	93	12509	18.843	ug/l #	86
47) Bromodichloromethane	7.824	83	22200	18.220	ug/l #	99
48) Methyl methacrylate	7.696	41	22925	18.487	ug/l	89
49) 1,4-Dioxane	7.671	88	9509	402.896	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	158273	96.527	ug/l	90
52) Toluene	8.720	92	44327	18.602	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24995	17.801	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	27839	17.867	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	18780	19.261	ug/l	98
56) Ethyl methacrylate	9.122	69	29507	18.257	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	33526	19.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	82791	94.190	ug/l	96
59) 2-Hexanone	9.433	43	118543	94.625	ug/l	89
60) Dibromochloromethane	9.525	129	14758	17.602	ug/l	98
61) 1,2-Dibromoethane	9.616	107	18381	18.888	ug/l	98
64) Tetrachloroethene	9.281	164	14136	18.784	ug/l	92
65) Chlorobenzene	10.086	112	46731	18.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	14714	17.611	ug/l	96
67) Ethyl Benzene	10.195	91	86142	18.866	ug/l	96
68) m/p-Xylenes	10.305	106	63034	38.114	ug/l	96
69) o-Xylene	10.646	106	31473	19.641	ug/l	99
70) Styrene	10.659	104	51861	18.469	ug/l	97
71) Bromoform	10.805	173	8138	17.254	ug/l #	99
73) Isopropylbenzene	10.963	105	81617	19.229	ug/l	100
74) N-amyl acetate	10.848	43	42609	18.666	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	29842	19.766	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26456m	19.303	ug/l	
77) Bromobenzene	11.201	156	16833	18.564	ug/l	81
78) n-propylbenzene	11.305	91	98948	19.300	ug/l	96
79) 2-Chlorotoluene	11.366	91	58037	18.708	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	69021	19.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7613	18.651	ug/l #	84
82) 4-Chlorotoluene	11.457	91	67841	19.109	ug/l	95
83) tert-Butylbenzene	11.719	119	62604	18.852	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	69184	19.291	ug/l	99
85) sec-Butylbenzene	11.896	105	84202	19.413	ug/l	96
86) p-Isopropyltoluene	12.012	119	68518	19.136	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	33092	19.228	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	33642	18.989	ug/l	96
89) n-Butylbenzene	12.335	91	64589	18.841	ug/l	98
90) Hexachloroethane	12.542	117	8451	16.830	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	32750	19.529	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5381	17.860	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	18553	18.441	ug/l	98
94) Hexachlorobutadiene	13.725	225	6746	18.698	ug/l	97
95) Naphthalene	13.780	128	76071	18.279	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19299	19.677	ug/l	97

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

