

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021102.D
 Acq On : 09 Mar 2021 12:53
 Operator : JC/MD
 Sample : VX0309WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:43:21 PM

Quant Time: Mar 10 00:28:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	221789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	378676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	336137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	161012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	143743	47.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.96%
35) Dibromofluoromethane	5.464	113	118158	51.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.72%
50) Toluene-d8	8.694	98	463964	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.118	95	163154	49.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.38%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	39316	16.39	ug/l	99
3) Chloromethane	1.311	50	47736	17.91	ug/l	99
4) Vinyl Chloride	1.393	62	55093	17.96	ug/l	100
5) Bromomethane	1.628	94	33620	30.40	ug/l	98
6) Chloroethane	1.711	64	36561	19.05	ug/l	98
7) Trichlorofluoromethane	1.917	101	73410	18.96	ug/l	98
8) Diethyl Ether	2.170	74	32935	18.33	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	44122	18.49	ug/l	99
10) Methyl Iodide	2.487	142	55483	17.31	ug/l	98
11) Tert butyl alcohol	3.005	59	46587	69.83	ug/l	98
12) 1,1-Dichloroethene	2.358	96	43386	17.48	ug/l	99
13) Acrolein	2.270	56	36969	89.49	ug/l	97
14) Allyl chloride	2.705	41	68999	17.01	ug/l	98
15) Acrylonitrile	3.111	53	121600	85.42	ug/l	99
16) Acetone	2.417	43	110047	89.15	ug/l	99
17) Carbon Disulfide	2.552	76	116813	16.52	ug/l	99
18) Methyl Acetate	2.746	43	50298	17.23	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	154732	17.45	ug/l	99
20) Methylene Chloride	2.834	84	53120	17.94	ug/l	97
21) trans-1,2-Dichloroethene	3.140	96	48762	17.49	ug/l	97
22) Diisopropyl ether	3.823	45	145055	17.78	ug/l	94
23) Vinyl Acetate	3.782	43	589013	84.45	ug/l	98
24) 1,1-Dichloroethane	3.670	63	89425	18.61	ug/l	99
25) 2-Butanone	4.629	43	158193	84.36	ug/l	99
26) 2,2-Dichloropropane	4.546	77	72830	16.69	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	57381	17.86	ug/l	100
28) Bromochloromethane	4.976	49	37857	18.42	ug/l	98
29) Tetrahydrofuran	5.082	42	97738	81.20	ug/l	98
30) Chloroform	5.170	83	90991	18.80	ug/l	99
31) Cyclohexane	5.547	56	76394	17.61	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	76117	18.06	ug/l	98
36) 1,1-Dichloropropene	5.770	75	68825	19.12	ug/l	98
37) Ethyl Acetate	4.788	43	59497	17.38	ug/l	100
38) Carbon Tetrachloride	5.752	117	65393	18.75	ug/l	98
39) Methylcyclohexane	7.441	83	84511	18.73	ug/l	96
40) Benzene	6.111	78	205303	19.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	34403	17.86	ug/l	99
42) 1,2-Dichloroethane	6.158	62	72664	20.26	ug/l	100
43) Isopropyl Acetate	6.405	43	98570	16.92	ug/l	100
44) Trichloroethene	7.188	130	57246	20.18	ug/l	94
45) 1,2-Dichloropropane	7.488	63	52739	19.51	ug/l	100
46) Dibromomethane	7.635	93	35724	19.62	ug/l	99
47) Bromodichloromethane	7.876	83	74617	19.68	ug/l	97
48) Methyl methacrylate	7.741	41	51873	17.75	ug/l	99
49) 1,4-Dioxane	7.712	88	23340	342.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	300695	88.66	ug/l	100
52) Toluene	8.765	92	131989	19.64	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	77907	18.32	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	87653	18.82	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	53569	20.18	ug/l	99
56) Ethyl methacrylate	9.159	69	75973	17.68	ug/l	100
57) 1,3-Dichloropropane	9.353	76	90634	19.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	203005	96.60	ug/l	98
59) 2-Hexanone	9.471	43	221741	87.15	ug/l	99
60) Dibromochloromethane	9.565	129	56455	20.15	ug/l	99
61) 1,2-Dibromoethane	9.653	107	54294	19.51	ug/l	98
64) Tetrachloroethene	9.318	164	54476	22.45	ug/l	89
65) Chlorobenzene	10.118	112	140372	19.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	50911	19.50	ug/l	98
67) Ethyl Benzene	10.235	91	246063	19.17	ug/l	97
68) m/p-Xylenes	10.341	106	185912	39.36	ug/l	97
69) o-Xylene	10.682	106	89989	19.52	ug/l	94
70) Styrene	10.694	104	152761	19.32	ug/l	98
71) Bromoform	10.835	173	37902	18.79	ug/l #	98
73) Isopropylbenzene	11.000	105	243039	19.11	ug/l	100
74) N-amyl acetate	10.883	43	81796	15.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	69582	16.97	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	62675m	18.09	ug/l	
77) Bromobenzene	11.236	156	58360	19.72	ug/l	97
78) n-propylbenzene	11.341	91	274009	18.89	ug/l	99
79) 2-Chlorotoluene	11.406	91	159120	18.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	198732	18.78	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	23167	14.81	ug/l	98
82) 4-Chlorotoluene	11.494	91	184966	18.26	ug/l	100
83) tert-Butylbenzene	11.753	119	179452	17.43	ug/l	94
84) 1,2,4-Trimethylbenzene	11.789	105	195917	18.24	ug/l	99
85) sec-Butylbenzene	11.930	105	229059	18.88	ug/l	100
86) p-Isopropyltoluene	12.047	119	208235	18.73	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	100633	19.00	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	102091	18.92	ug/l	97
89) n-Butylbenzene	12.371	91	175240	17.65	ug/l	100
90) Hexachloroethane	12.577	117	35461	16.70	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	100059	19.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14609	15.56	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	60688	18.30	ug/l	98
94) Hexachlorobutadiene	13.765	225	23748	17.88	ug/l	95
95) Naphthalene	13.818	128	187543	15.88	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	58224	17.68	ug/l	98

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

