

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021300.D
 Acq On : 19 Mar 2021 14:31
 Operator : JC/MD
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:35:50 AM

Quant Time: Mar 19 15:55:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	83599	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	141437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	124948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	68208	49.74	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.48%
35) Dibromofluoromethane	5.458	113	47547	49.40	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.80%
50) Toluene-d8	8.694	98	169337	48.49	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.98%
62) 4-Bromofluorobenzene	11.118	95	64088	47.26	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.52%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	18777	18.80	ug/l	98
3) Chloromethane	1.311	50	23797	15.04	ug/l	98
4) Vinyl Chloride	1.393	62	18487	18.18	ug/l	98
5) Bromomethane	1.622	94	9853	22.18	ug/l	97
6) Chloroethane	1.705	64	11439	18.40	ug/l	99
7) Trichlorofluoromethane	1.911	101	29783	19.42	ug/l	98
8) Diethyl Ether	2.170	74	9992	18.52	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	16853	19.29	ug/l	95
10) Methyl Iodide	2.487	142	11874	15.57	ug/l #	87
11) Tert butyl alcohol	3.017	59	20348	88.33	ug/l	97
12) 1,1-Dichloroethene	2.352	96	15988	18.76	ug/l	94
13) Acrolein	2.270	56	13405	99.28	ug/l	99
14) Allyl chloride	2.705	41	32044	18.24	ug/l	87
15) Acrylonitrile	3.111	53	49288	92.03	ug/l	96
16) Acetone	2.417	43	44353	87.91	ug/l #	87
17) Carbon Disulfide	2.546	76	43984	18.08	ug/l	100
18) Methyl Acetate	2.746	43	24937	18.04	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	60860	19.03	ug/l	99
20) Methylene Chloride	2.834	84	19008	18.32	ug/l	88
21) trans-1,2-Dichloroethene	3.140	96	17667	18.57	ug/l	87
22) Diisopropyl ether	3.823	45	64679	19.17	ug/l	96
23) Vinyl Acetate	3.782	43	277297	94.19	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	34628	19.00	ug/l	96
25) 2-Butanone	4.629	43	70555	90.94	ug/l	91
26) 2,2-Dichloropropane	4.546	77	30056	18.90	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	20343	18.61	ug/l	89
28) Bromochloromethane	4.976	49	17504	20.39	ug/l	83
29) Tetrahydrofuran	5.088	42	46154	90.08	ug/l	87
30) Chloroform	5.170	83	36791	19.39	ug/l	100
31) Cyclohexane	5.541	56	30962	18.68	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	32296	19.21	ug/l	96
36) 1,1-Dichloropropene	5.764	75	26404	18.53	ug/l	95
37) Ethyl Acetate	4.788	43	27512	16.66	ug/l #	93
38) Carbon Tetrachloride	5.747	117	28026	18.94	ug/l	90
39) Methylcyclohexane	7.435	83	30083	19.01	ug/l	95
40) Benzene	6.105	78	75138	19.13	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	16220	17.12	ug/l	88
42) 1,2-Dichloroethane	6.158	62	32321	19.08	ug/l	94
43) Isopropyl Acetate	6.405	43	48536	17.92	ug/l #	90
44) Trichloroethene	7.188	130	19387	18.58	ug/l	100
45) 1,2-Dichloropropane	7.488	63	19968	18.92	ug/l	99
46) Dibromomethane	7.635	93	14248	18.45	ug/l	93
47) Bromodichloromethane	7.870	83	29228	18.87	ug/l	97
48) Methyl methacrylate	7.741	41	25282	17.60	ug/l #	80
49) 1,4-Dioxane	7.712	88	8655	346.46	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	145369	92.26	ug/l	88
52) Toluene	8.765	92	45972	18.93	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	29719	18.09	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	32215	18.36	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	18741	18.86	ug/l	98
56) Ethyl methacrylate	9.159	69	29488	18.46	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	33042	19.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	76991	88.18	ug/l	94
59) 2-Hexanone	9.471	43	105932	89.83	ug/l	86
60) Dibromochloromethane	9.565	129	21012	18.57	ug/l	99
61) 1,2-Dibromoethane	9.653	107	20097	18.46	ug/l	100
64) Tetrachloroethene	9.318	164	16626	17.82	ug/l	94
65) Chlorobenzene	10.118	112	48988	19.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	19192	20.14	ug/l	98
67) Ethyl Benzene	10.235	91	90779	19.11	ug/l	100
68) m/p-Xylenes	10.341	106	65257	38.45	ug/l	93
69) o-Xylene	10.682	106	31666	19.20	ug/l	94
70) Styrene	10.694	104	53759	19.43	ug/l	95
71) Bromoform	10.841	173	14030	18.21	ug/l #	98
73) Isopropylbenzene	11.000	105	85547	19.50	ug/l	98
74) N-amyl acetate	10.877	43	40263	18.09	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	28175	19.35	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	24376m	17.79	ug/l	
77) Bromobenzene	11.241	156	20039	19.25	ug/l	95
78) n-propylbenzene	11.341	91	101147	19.71	ug/l	98
79) 2-Chlorotoluene	11.400	91	60704	19.48	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	72694	19.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	8670	17.18	ug/l #	83
82) 4-Chlorotoluene	11.494	91	71274	19.43	ug/l	97
83) tert-Butylbenzene	11.753	119	68883	19.49	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	73451	19.46	ug/l	97
85) sec-Butylbenzene	11.930	105	83958	20.16	ug/l	97
86) p-Isopropyltoluene	12.047	119	73387	19.23	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	35559	18.73	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	36410	18.75	ug/l	97
89) n-Butylbenzene	12.371	91	67957	19.54	ug/l	96
90) Hexachloroethane	12.577	117	12620	21.71	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	35392	19.11	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6716	17.98	ug/l	77
93) 1,2,4-Trichlorobenzene	13.630	180	23237	19.09	ug/l	98
94) Hexachlorobutadiene	13.765	225	9966	19.51	ug/l	98
95) Naphthalene	13.812	128	74186	17.71	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	23103	19.06	ug/l	98

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

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