

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021323.D
 Acq On : 20 Mar 2021 03:19
 Operator : JC/MD
 Sample : VX0321WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:09 AM

Quant Time: Mar 20 06:40:13 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	80169	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	136999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	65920	50.13	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.26%
35) Dibromofluoromethane	5.453	113	46004	49.35	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.70%
50) Toluene-d8	8.694	98	162972	48.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.36%
62) 4-Bromofluorobenzene	11.118	95	62771	47.79	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.58%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	17939	18.73	ug/l	98
3) Chloromethane	1.311	50	21737	14.22	ug/l	96
4) Vinyl Chloride	1.393	62	18604	19.07	ug/l	98
5) Bromomethane	1.623	94	9232	21.67	ug/l	95
6) Chloroethane	1.705	64	11408	19.14	ug/l	96
7) Trichlorofluoromethane	1.911	101	29883	20.32	ug/l	94
8) Diethyl Ether	2.164	74	9784	18.91	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.358	101	16776	20.02	ug/l	95
10) Methyl Iodide	2.487	142	11299	15.45	ug/l #	88
11) Tert butyl alcohol	3.011	59	19113	86.52	ug/l	95
12) 1,1-Dichloroethene	2.352	96	15427	18.88	ug/l	84
13) Acrolein	2.270	56	14912	114.67	ug/l	99
14) Allyl chloride	2.705	41	30442	18.07	ug/l #	87
15) Acrylonitrile	3.111	53	48233	93.91	ug/l	96
16) Acetone	2.417	43	46251	95.60	ug/l	88
17) Carbon Disulfide	2.546	76	42528	18.22	ug/l	99
18) Methyl Acetate	2.746	43	24703	18.63	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	60034	19.57	ug/l	100
20) Methylene Chloride	2.829	84	18382	18.47	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	17254	18.91	ug/l	91
22) Diisopropyl ether	3.817	45	63862	19.73	ug/l #	91
23) Vinyl Acetate	3.776	43	271814	96.28	ug/l #	91
24) 1,1-Dichloroethane	3.664	63	33672	19.27	ug/l	97
25) 2-Butanone	4.629	43	69142	92.93	ug/l #	88
26) 2,2-Dichloropropane	4.541	77	21743	14.26	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	20163	19.23	ug/l	93
28) Bromochloromethane	4.976	49	16205	19.68	ug/l	84
29) Tetrahydrofuran	5.088	42	45229	92.05	ug/l	86
30) Chloroform	5.164	83	35888	19.72	ug/l	99
31) Cyclohexane	5.535	56	30079	18.92	ug/l	85
32) 1,1,1-Trichloroethane	5.453	97	31304	19.42	ug/l	95
36) 1,1-Dichloropropene	5.758	75	25718	18.63	ug/l	96
37) Ethyl Acetate	4.788	43	27182	16.99	ug/l #	93
38) Carbon Tetrachloride	5.747	117	28449	19.85	ug/l	96
39) Methylcyclohexane	7.435	83	28837	18.82	ug/l	94
40) Benzene	6.106	78	73162	19.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	15589	16.98	ug/l	89
42) 1,2-Dichloroethane	6.159	62	31633	19.28	ug/l	94
43) Isopropyl Acetate	6.406	43	46311	17.66	ug/l #	90
44) Trichloroethene	7.182	130	19011	18.81	ug/l	92
45) 1,2-Dichloropropane	7.482	63	19863	19.43	ug/l	99
46) Dibromomethane	7.635	93	14158	18.93	ug/l	92
47) Bromodichloromethane	7.870	83	29642	19.76	ug/l	98
48) Methyl methacrylate	7.741	41	25154	18.08	ug/l #	81
49) 1,4-Dioxane	7.712	88	8458	349.65	ug/l #	86
51) 4-Methyl-2-Pentanone	8.618	43	143076	93.75	ug/l	87
52) Toluene	8.759	92	45278	19.25	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	27260	17.13	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	29635	17.44	ug/l #	81
55) 1,1,2-Trichloroethane	9.194	97	18552	19.28	ug/l	98
56) Ethyl methacrylate	9.153	69	28088	18.15	ug/l #	73
57) 1,3-Dichloropropane	9.347	76	31903	19.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	73585	87.00	ug/l	93
59) 2-Hexanone	9.471	43	104425	91.42	ug/l	84
60) Dibromochloromethane	9.559	129	20923	19.09	ug/l	99
61) 1,2-Dibromoethane	9.653	107	19524	18.51	ug/l	96
64) Tetrachloroethene	9.318	164	16566	17.69	ug/l	90
65) Chlorobenzene	10.118	112	48176	18.69	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	18337	19.17	ug/l	98
67) Ethyl Benzene	10.236	91	89021	18.67	ug/l	100
68) m/p-Xylenes	10.341	106	63678	37.38	ug/l	91
69) o-Xylene	10.683	106	30578	18.47	ug/l	94
70) Styrene	10.694	104	51761	18.63	ug/l	95
71) Bromoform	10.841	173	13576	17.55	ug/l #	97
73) Isopropylbenzene	11.000	105	84124	19.29	ug/l	100
74) N-amyl acetate	10.877	43	39411	17.82	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.247	83	27702	19.14	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	26581m	19.52	ug/l	
77) Bromobenzene	11.236	156	19987	19.32	ug/l	93
78) n-propylbenzene	11.342	91	98690	19.35	ug/l	98
79) 2-Chlorotoluene	11.400	91	58588	18.92	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	71643	19.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7210	14.37	ug/l #	80
82) 4-Chlorotoluene	11.495	91	68879	18.89	ug/l	97
83) tert-Butylbenzene	11.753	119	67056	19.09	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	71862	19.15	ug/l	97
85) sec-Butylbenzene	11.930	105	80125	19.35	ug/l	99
86) p-Isopropyltoluene	12.048	119	71793	18.92	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	34941	18.52	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	35620	18.46	ug/l	96
89) n-Butylbenzene	12.371	91	64744	18.72	ug/l	96
90) Hexachloroethane	12.577	117	12551	21.72	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	34958	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6373	17.16	ug/l	78
93) 1,2,4-Trichlorobenzene	13.624	180	20558	16.99	ug/l	92
94) Hexachlorobutadiene	13.765	225	9651	19.01	ug/l	99
95) Naphthalene	13.812	128	71767	17.23	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	22907	19.01	ug/l	99

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

