

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020969.D
 Acq On : 02 Mar 2021 17:09
 Operator : JC/MD
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:01:20 AM

Quant Time: Mar 03 01:15:55 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	206789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	352590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	313524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	146466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128429	45.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.96%		
35) Dibromofluoromethane	5.470	113	105728	49.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.70%		
50) Toluene-d8	8.694	98	418691	50.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.26%		
62) 4-Bromofluorobenzene	11.118	95	145008	46.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.90%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38417	17.18	ug/l	99
3) Chloromethane	1.311	50	44944	18.09	ug/l	99
4) Vinyl Chloride	1.393	62	51298	17.94	ug/l	99
5) Bromomethane	1.628	94	30934	29.91	ug/l	97
6) Chloroethane	1.711	64	32138	17.96	ug/l	100
7) Trichlorofluoromethane	1.917	101	66330	18.37	ug/l	100
8) Diethyl Ether	2.170	74	30073	17.95	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.370	101	40366	18.15	ug/l	97
10) Methyl Iodide	2.493	142	52278	17.49	ug/l	95
11) Tert butyl alcohol	3.011	59	45835	73.69	ug/l	99
12) 1,1-Dichloroethene	2.358	96	40799	17.63	ug/l	97
13) Acrolein	2.276	56	32823	85.22	ug/l	98
14) Allyl chloride	2.711	41	63161	16.70	ug/l	98
15) Acrylonitrile	3.117	53	110140	82.99	ug/l	99
16) Acetone	2.417	43	98861	85.90	ug/l	99
17) Carbon Disulfide	2.552	76	112699	17.09	ug/l	99
18) Methyl Acetate	2.746	43	44027	16.17	ug/l	96
19) Methyl tert-butyl Ether	3.170	73	144471	17.47	ug/l	100
20) Methylene Chloride	2.840	84	50356	18.24	ug/l	95
21) trans-1,2-Dichloroethene	3.146	96	45860	17.64	ug/l	98
22) Diisopropyl ether	3.823	45	132400	17.41	ug/l	96
23) Vinyl Acetate	3.782	43	542818	83.47	ug/l	99
24) 1,1-Dichloroethane	3.670	63	80052	17.87	ug/l	98
25) 2-Butanone	4.635	43	143658	82.17	ug/l	95
26) 2,2-Dichloropropane	4.552	77	68039	16.73	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	53171	17.75	ug/l	97
28) Bromochloromethane	4.982	49	33029	17.24	ug/l	97
29) Tetrahydrofuran	5.088	42	91046	81.13	ug/l	97
30) Chloroform	5.182	83	82818	18.35	ug/l	95
31) Cyclohexane	5.553	56	70834	17.51	ug/l	95
32) 1,1,1-Trichloroethane	5.470	97	71305	18.14	ug/l	99
36) 1,1-Dichloropropene	5.770	75	62669	18.70	ug/l	99
37) Ethyl Acetate	4.794	43	54526	17.10	ug/l	100
38) Carbon Tetrachloride	5.758	117	60384	18.60	ug/l	94
39) Methylcyclohexane	7.441	83	78373	18.65	ug/l	97
40) Benzene	6.117	78	190717	18.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	30580	17.05	ug/l	96
42) 1,2-Dichloroethane	6.164	62	64625	19.35	ug/l	99
43) Isopropyl Acetate	6.411	43	92323	17.03	ug/l	99
44) Trichloroethene	7.188	130	51263	19.41	ug/l	95
45) 1,2-Dichloropropane	7.488	63	47164	18.73	ug/l	100
46) Dibromomethane	7.641	93	32140	18.96	ug/l	99
47) Bromodichloromethane	7.876	83	66997	18.98	ug/l	100
48) Methyl methacrylate	7.747	41	47370	17.41	ug/l	100
49) 1,4-Dioxane	7.717	88	21975	346.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.618	43	276353	87.52	ug/l	99
52) Toluene	8.765	92	122556	19.59	ug/l	97
53) t-1,3-Dichloropropene	9.024	75	71508	18.06	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	79132	18.24	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	48950	19.80	ug/l	96
56) Ethyl methacrylate	9.159	69	69610	17.40	ug/l	99
57) 1,3-Dichloropropane	9.353	76	82448	19.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	170762	87.27	ug/l	97
59) 2-Hexanone	9.471	43	202767	85.58	ug/l	99
60) Dibromochloromethane	9.565	129	51167	19.61	ug/l	98
61) 1,2-Dibromoethane	9.653	107	49839	19.23	ug/l	98
64) Tetrachloroethene	9.318	164	51968	22.97	ug/l	89
65) Chlorobenzene	10.118	112	125934	19.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	45973	18.88	ug/l	98
67) Ethyl Benzene	10.235	91	226093	18.89	ug/l	99
68) m/p-Xylenes	10.341	106	169829	38.55	ug/l	96
69) o-Xylene	10.683	106	81597	18.98	ug/l	97
70) Styrene	10.694	104	138351	18.76	ug/l	98
71) Bromoform	10.841	173	35027	18.61	ug/l #	98
73) Isopropylbenzene	11.000	105	220636	19.07	ug/l	100
74) N-amyl acetate	10.883	43	73166	15.62	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.253	83	63594	17.05	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	55959m	17.76	ug/l	
77) Bromobenzene	11.236	156	53011	19.69	ug/l	95
78) n-propylbenzene	11.341	91	244511	18.53	ug/l	99
79) 2-Chlorotoluene	11.400	91	145024	18.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	179093	18.60	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21043	14.79	ug/l	97
82) 4-Chlorotoluene	11.494	91	166085	18.03	ug/l	99
83) tert-Butylbenzene	11.753	119	172576	18.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	181210	18.54	ug/l	100
85) sec-Butylbenzene	11.930	105	204594	18.54	ug/l	99
86) p-Isopropyltoluene	12.047	119	185677	18.36	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	91135	18.91	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	92447	18.83	ug/l	98
89) n-Butylbenzene	12.371	91	158623	17.57	ug/l	98
90) Hexachloroethane	12.577	117	32075	16.61	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	90430	19.22	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	13897	16.27	ug/l	96
93) 1,2,4-Trichlorobenzene	13.630	180	56537	18.74	ug/l	100
94) Hexachlorobutadiene	13.765	225	23063	19.08	ug/l	98
95) Naphthalene	13.818	128	191633	17.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	54398	18.16	ug/l	96

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

