

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021426.D
 Acq On : 24 Mar 2021 10:49
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:26 AM

Quant Time: Mar 24 11:43:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 11:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	77138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	60191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	23829	18.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	37.88%#		
35) Dibromofluoromethane	5.464	113	16662	18.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.58%#		
50) Toluene-d8	8.694	98	59815	18.51	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.02%#		
62) 4-Bromofluorobenzene	11.118	95	22955	18.39	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.78%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	15994	17.67	ug/l	96
3) Chloromethane	1.311	50	18403	10.75	ug/l	99
4) Vinyl Chloride	1.393	62	16430	17.80	ug/l	98
5) Bromomethane	1.623	94	7070	17.80	ug/l	98
6) Chloroethane	1.705	64	10325	18.23	ug/l	100
7) Trichlorofluoromethane	1.911	101	26898	19.19	ug/l	99
8) Diethyl Ether	2.170	74	9129	18.56	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	15186	19.03	ug/l	94
10) Methyl Iodide	2.487	142	9069	13.44	ug/l #	87
11) Tert butyl alcohol	3.017	59	18902	89.57	ug/l	96
12) 1,1-Dichloroethene	2.352	96	14351	18.49	ug/l	86
13) Acrolein	2.270	56	9657	75.21	ug/l	98
14) Allyl chloride	2.705	41	28280	17.67	ug/l #	87
15) Acrylonitrile	3.117	53	46522	94.26	ug/l	98
16) Acetone	2.423	43	43424	93.03	ug/l #	88
17) Carbon Disulfide	2.546	76	38537	16.05	ug/l	100
18) Methyl Acetate	2.746	43	26541	20.29	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	54065	18.53	ug/l	100
20) Methylene Chloride	2.835	84	17009	17.88	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	15683	18.03	ug/l	90
22) Diisopropyl ether	3.823	45	56864	18.46	ug/l	92
23) Vinyl Acetate	3.782	43	240672	90.26	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	30829	18.50	ug/l	98
25) 2-Butanone	4.635	43	67343	94.36	ug/l	90
26) 2,2-Dichloropropane	4.547	77	26154	18.04	ug/l	98
27) cis-1,2-Dichloroethene	4.558	96	18193	18.18	ug/l	89
28) Bromochloromethane	4.982	49	15247	19.38	ug/l	83
29) Tetrahydrofuran	5.088	42	44037	93.63	ug/l #	85
30) Chloroform	5.176	83	32866	18.94	ug/l	98
31) Cyclohexane	5.547	56	26219	17.44	ug/l	88
32) 1,1,1-Trichloroethane	5.458	97	29065	18.89	ug/l	96
36) 1,1-Dichloropropene	5.764	75	23205	17.79	ug/l	96
37) Ethyl Acetate	4.788	43	25793	17.10	ug/l #	93
38) Carbon Tetrachloride	5.753	117	25282	18.61	ug/l	90
39) Methylcyclohexane	7.441	83	25640	17.70	ug/l	94
40) Benzene	6.111	78	65987	18.32	ug/l	97

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41) Methacrylonitrile	5.000	41	15185	17.38	ug/l #	89
42) 1,2-Dichloroethane	6.159	62	28976	18.59	ug/l	94
43) Isopropyl Acetate	6.412	43	42928	17.35	ug/l #	91
44) Trichloroethene	7.182	130	17424	18.23	ug/l	92
45) 1,2-Dichloropropane	7.488	63	17931	18.49	ug/l	100
46) Dibromomethane	7.635	93	12794	17.98	ug/l	94
47) Bromodichloromethane	7.871	83	26757	18.79	ug/l	98
48) Methyl methacrylate	7.747	41	23054	17.47	ug/l #	82
49) 1,4-Dioxane	7.712	88	8298	338.96	ug/l #	83
51) 4-Methyl-2-Pentanone	8.618	43	138866	95.53	ug/l	88
52) Toluene	8.765	92	42135	18.90	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	26060	17.30	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	28326	17.66	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	18048	19.70	ug/l	96
56) Ethyl methacrylate	9.159	69	26047	17.76	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	29873	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	72843	90.16	ug/l	97
59) 2-Hexanone	9.471	43	103590	95.25	ug/l	85
60) Dibromochloromethane	9.565	129	19663	18.88	ug/l	99
61) 1,2-Dibromoethane	9.653	107	18559	18.42	ug/l	98
64) Tetrachloroethene	9.318	164	15441	17.11	ug/l	92
65) Chlorobenzene	10.118	112	44424	17.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	16925	18.10	ug/l	98
67) Ethyl Benzene	10.236	91	83114	17.98	ug/l	94
68) m/p-Xylenes	10.341	106	59799	36.20	ug/l	93
69) o-Xylene	10.683	106	29103	18.14	ug/l	95
70) Styrene	10.694	104	49432	18.29	ug/l	96
71) Bromoform	10.842	173	13951	18.51	ug/l #	100
73) Isopropylbenzene	11.000	105	78456	17.63	ug/l	100
74) N-amyl acetate	10.877	43	36826	16.54	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	29031	19.64	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	26887m	18.88	ug/l	
77) Bromobenzene	11.242	156	18682	17.63	ug/l	91
78) n-propylbenzene	11.342	91	92531	17.80	ug/l	97
79) 2-Chlorotoluene	11.400	91	56544	17.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	67544	17.96	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	7828	15.51	ug/l #	81
82) 4-Chlorotoluene	11.495	91	66662	17.90	ug/l	97
83) tert-Butylbenzene	11.753	119	64683	18.01	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	69157	18.09	ug/l	97
85) sec-Butylbenzene	11.930	105	75635	17.86	ug/l	99
86) p-Isopropyltoluene	12.048	119	70268	18.13	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	33998	17.62	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	35229	17.94	ug/l	98
89) n-Butylbenzene	12.371	91	60930	17.25	ug/l	96
90) Hexachloroethane	12.577	117	12040	20.00	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	34367	18.36	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6340	16.82	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	19806	16.04	ug/l	94
94) Hexachlorobutadiene	13.765	225	9393	18.06	ug/l	97
95) Naphthalene	13.818	128	70218	16.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	21794	17.83	ug/l	95

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

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