

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021595.D
 Acq On : 29 Mar 2021 23:06
 Operator : JC/MD
 Sample : VX0329WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:33:18 PM

Quant Time: Mar 30 03:35:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	84690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	145966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	75686	53.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.42%			
35) Dibromofluoromethane	5.464	113	53821	51.91	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.82%			
50) Toluene-d8	8.694	98	189463	51.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.56%			
62) 4-Bromofluorobenzene	11.118	95	72700	50.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.22%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	16761	18.01	ug/l	99
3) Chloromethane	1.311	50	20261	18.96	ug/l	99
4) Vinyl Chloride	1.393	62	18423	19.35	ug/l	99
5) Bromomethane	1.623	94	9380	24.48	ug/l	97
6) Chloroethane	1.705	64	11706	19.39	ug/l	98
7) Trichlorofluoromethane	1.911	101	30366	19.61	ug/l	97
8) Diethyl Ether	2.170	74	10732	19.97	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	17001	19.50	ug/l	96
10) Methyl Iodide	2.487	142	14157	24.68	ug/l #	88
11) Tert butyl alcohol	3.017	59	22388	96.10	ug/l	96
12) 1,1-Dichloroethene	2.352	96	15849	18.57	ug/l	85
13) Acrolein	2.276	56	7513	67.14	ug/l	100
14) Allyl chloride	2.705	41	32081	18.52	ug/l #	88
15) Acrylonitrile	3.117	53	55410	100.08	ug/l	97
16) Acetone	2.423	43	52298	98.16	ug/l	89
17) Carbon Disulfide	2.552	76	39676	16.56	ug/l	98
18) Methyl Acetate	2.746	43	32883	21.36	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	63429	19.90	ug/l	98
20) Methylene Chloride	2.834	84	20371	19.59	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	17949	19.15	ug/l	90
22) Diisopropyl ether	3.823	45	66644	19.80	ug/l #	91
23) Vinyl Acetate	3.782	43	275152	96.65	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	36170	19.93	ug/l	97
25) 2-Butanone	4.635	43	80253	99.36	ug/l #	87
26) 2,2-Dichloropropane	4.552	77	25080	15.96	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	21376	19.64	ug/l	94
28) Bromochloromethane	4.982	49	20558	22.63	ug/l	85
29) Tetrahydrofuran	5.088	42	51875	99.06	ug/l #	85
30) Chloroform	5.176	83	39038	20.38	ug/l	97
31) Cyclohexane	5.547	56	28868	18.63	ug/l	88
32) 1,1,1-Trichloroethane	5.464	97	33473	19.72	ug/l	96
36) 1,1-Dichloropropene	5.770	75	25734	17.99	ug/l	97
37) Ethyl Acetate	4.794	43	30101	18.20	ug/l #	94
38) Carbon Tetrachloride	5.752	117	29429	19.15	ug/l	98
39) Methylcyclohexane	7.435	83	27883	17.59	ug/l	91
40) Benzene	6.111	78	77757	19.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	18267	19.05	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	34179	19.41	ug/l	94
43) Isopropyl Acetate	6.411	43	50410	18.77	ug/l #	90
44) Trichloroethene	7.188	130	19782	18.46	ug/l	95
45) 1,2-Dichloropropane	7.488	63	21268	19.33	ug/l	96
46) Dibromomethane	7.635	93	15104	18.84	ug/l	93
47) Bromodichloromethane	7.870	83	31257	19.15	ug/l	99
48) Methyl methacrylate	7.747	41	27116	18.93	ug/l #	82
49) 1,4-Dioxane	7.717	88	9914	386.60	ug/l #	91
51) 4-Methyl-2-Pentanone	8.618	43	162936	98.65	ug/l	88
52) Toluene	8.765	92	49089	19.57	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	30059	18.24	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	32238	18.38	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	20992	19.83	ug/l	97
56) Ethyl methacrylate	9.159	69	30183	18.26	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	35302	19.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	87423	97.70	ug/l	96
59) 2-Hexanone	9.471	43	120495	97.16	ug/l	84
60) Dibromochloromethane	9.565	129	23387	19.72	ug/l	99
61) 1,2-Dibromoethane	9.653	107	21883	19.24	ug/l	98
64) Tetrachloroethene	9.318	164	17935	20.22	ug/l	92
65) Chlorobenzene	10.118	112	51274	19.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	20888	20.49	ug/l	99
67) Ethyl Benzene	10.235	91	92988	19.18	ug/l	98
68) m/p-Xylenes	10.341	106	67237	38.93	ug/l	93
69) o-Xylene	10.683	106	32491	19.42	ug/l	93
70) Styrene	10.694	104	55123	19.16	ug/l	95
71) Bromoform	10.841	173	16021	19.34	ug/l #	99
73) Isopropylbenzene	11.000	105	88792	20.37	ug/l	97
74) N-amyl acetate	10.877	43	41659	19.75	ug/l #	88
75) 1,1,1,2-Tetrachloroethane	11.253	83	31529	20.47	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	30203m	20.91	ug/l	
77) Bromobenzene	11.236	156	22079	20.43	ug/l	97
78) n-propylbenzene	11.341	91	101366	19.69	ug/l	98
79) 2-Chlorotoluene	11.400	91	62058	19.87	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	74914	20.12	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	8437	17.80	ug/l #	81
82) 4-Chlorotoluene	11.494	91	72580	19.58	ug/l	96
83) tert-Butylbenzene	11.753	119	72067	19.88	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	76698	20.43	ug/l	99
85) sec-Butylbenzene	11.930	105	83255	19.91	ug/l	98
86) p-Isopropyltoluene	12.047	119	75225	19.76	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	37769	19.41	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	38111	18.93	ug/l	97
89) n-Butylbenzene	12.371	91	65268	18.71	ug/l	95
90) Hexachloroethane	12.577	117	13230	19.26	ug/l	93
91) 1,2-Dichlorobenzene	12.371	146	38034	20.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	7283	19.99	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	23212	18.72	ug/l	99
94) Hexachlorobutadiene	13.765	225	10151	18.14	ug/l	98
95) Naphthalene	13.812	128	79152	19.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	24199	19.53	ug/l	98

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

