

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021402.D
 Acq On : 23 Mar 2021 22:47
 Operator : JC/MD
 Sample : VX0323WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:34 PM

Quant Time: Mar 24 02:02:16 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	5.629	168	75973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	127276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62562	50.21	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	100.42%	
35) Dibromofluoromethane	5.464	113	44335	51.19	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.38%	
50) Toluene-d8	8.694	98	156406	49.77	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.118	95	61253	50.19	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	100.38%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	15956	17.58	ug/l	99
3) Chloromethane	1.311	50	20962	14.51	ug/l	96
4) Vinyl Chloride	1.393	62	17309	18.73	ug/l	99
5) Bromomethane	1.622	94	8687	21.52	ug/l	99
6) Chloroethane	1.705	64	10900	19.30	ug/l	99
7) Trichlorofluoromethane	1.911	101	27156	19.49	ug/l	97
8) Diethyl Ether	2.170	74	9238	18.84	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.364	101	14289	18.00	ug/l	95
10) Methyl Iodide	2.487	142	13503	19.48	ug/l #	88
11) Tert butyl alcohol	3.017	59	21034	100.48	ug/l	98
12) 1,1-Dichloroethene	2.352	96	14589	18.84	ug/l	88
13) Acrolein	2.275	56	11771	96.04	ug/l	97
14) Allyl chloride	2.705	41	29359	18.39	ug/l #	88
15) Acrylonitrile	3.117	53	50033	102.79	ug/l	97
16) Acetone	2.423	43	47675	103.98	ug/l #	87
17) Carbon Disulfide	2.546	76	37473	16.98	ug/l	98
18) Methyl Acetate	2.746	43	26276	20.91	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	56745	19.52	ug/l	100
20) Methylene Chloride	2.834	84	17307	18.35	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	15866	18.35	ug/l	96
22) Diisopropyl ether	3.823	45	60306	19.66	ug/l	92
23) Vinyl Acetate	3.787	43	256865	96.01	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	32340	19.53	ug/l	98
25) 2-Butanone	4.635	43	72596	102.97	ug/l	90
26) 2,2-Dichloropropane	4.552	77	22417	15.51	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	19160	19.29	ug/l	92
28) Bromochloromethane	4.982	49	15888	20.36	ug/l	83
29) Tetrahydrofuran	5.093	42	47002	100.94	ug/l	86
30) Chloroform	5.176	83	34763	20.16	ug/l	94
31) Cyclohexane	5.552	56	26308	17.46	ug/l	88
32) 1,1,1-Trichloroethane	5.458	97	29725	19.46	ug/l	96
36) 1,1-Dichloropropene	5.764	75	23282	18.16	ug/l	98
37) Ethyl Acetate	4.793	43	28152	18.94	ug/l #	93
38) Carbon Tetrachloride	5.752	117	26220	19.69	ug/l	95
39) Methylcyclohexane	7.441	83	24394	17.13	ug/l #	88
40) Benzene	6.111	78	68082	19.27	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	16079	18.85	ug/l	87
42) 1,2-Dichloroethane	6.158	62	30100	19.74	ug/l	94
43) Isopropyl Acetate	6.411	43	46559	19.11	ug/l #	90
44) Trichloroethene	7.188	130	17873	19.04	ug/l	100
45) 1,2-Dichloropropane	7.488	63	18818	19.82	ug/l	95
46) Dibromomethane	7.635	93	13558	19.51	ug/l	92
47) Bromodichloromethane	7.876	83	27543	19.77	ug/l	98
48) Methyl methacrylate	7.747	41	24778	19.17	ug/l #	81
49) 1,4-Dioxane	7.717	88	9045	404.19	ug/l #	88
51) 4-Methyl-2-Pentanone	8.617	43	148282	104.58	ug/l	87
52) Toluene	8.765	92	43912	20.09	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	26428	17.88	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	29086	18.43	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	18269	20.43	ug/l	98
56) Ethyl methacrylate	9.159	69	28321	19.70	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	31385	20.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	73202	93.16	ug/l	95
59) 2-Hexanone	9.470	43	110827	104.43	ug/l	85
60) Dibromochloromethane	9.565	129	20527	20.16	ug/l	98
61) 1,2-Dibromoethane	9.653	107	19708	20.11	ug/l	97
64) Tetrachloroethene	9.318	164	15967	17.88	ug/l	92
65) Chlorobenzene	10.118	112	46526	18.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	18216	19.98	ug/l	98
67) Ethyl Benzene	10.235	91	85367	18.78	ug/l	99
68) m/p-Xylenes	10.341	106	61849	38.09	ug/l	94
69) o-Xylene	10.682	106	29930	18.97	ug/l	93
70) Styrene	10.694	104	50285	18.99	ug/l	95
71) Bromoform	10.841	173	14330	19.44	ug/l #	96
73) Isopropylbenzene	11.000	105	82265	19.34	ug/l	99
74) N-amyl acetate	10.882	43	39558	18.34	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	28052	19.87	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	27781m	20.92	ug/l	
77) Bromobenzene	11.235	156	19568	19.39	ug/l	93
78) n-propylbenzene	11.341	91	95073	19.12	ug/l	96
79) 2-Chlorotoluene	11.406	91	58200	19.27	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	70408	19.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	8103	16.56	ug/l #	79
82) 4-Chlorotoluene	11.494	91	66548	18.71	ug/l	97
83) tert-Butylbenzene	11.753	119	64991	18.97	ug/l	89
84) 1,2,4-Trimethylbenzene	11.788	105	70905	19.38	ug/l	95
85) sec-Butylbenzene	11.930	105	77360	19.16	ug/l	98
86) p-Isopropyltoluene	12.047	119	70666	19.10	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	34295	18.63	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	34010	18.07	ug/l	96
89) n-Butylbenzene	12.371	91	60783	18.03	ug/l	96
90) Hexachloroethane	12.577	117	12008	21.31	ug/l	97
91) 1,2-Dichlorobenzene	12.371	146	33088	18.43	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6561	18.12	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	21555	18.27	ug/l	99
94) Hexachlorobutadiene	13.765	225	9959	20.11	ug/l	95
95) Naphthalene	13.818	128	72663	17.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	22489	19.14	ug/l	96

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

