

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021403.D
 Acq On : 23 Mar 2021 23:10
 Operator : JC/MD
 Sample : VX0323WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:36 PM

Quant Time: Mar 24 02:02:56 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	76976	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	131494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63738	50.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.96%			
35) Dibromofluoromethane	5.464	113	44481	49.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.42%			
50) Toluene-d8	8.694	98	160628	49.48	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.96%			
62) 4-Bromofluorobenzene	11.118	95	61773	49.00	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	16198	17.61	ug/l	97
3) Chloromethane	1.311	50	20849	14.20	ug/l	98
4) Vinyl Chloride	1.393	62	17426	18.61	ug/l	98
5) Bromomethane	1.622	94	8644	21.13	ug/l	97
6) Chloroethane	1.705	64	10806	18.88	ug/l	99
7) Trichlorofluoromethane	1.911	101	27273	19.32	ug/l	97
8) Diethyl Ether	2.170	74	9902	19.93	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.364	101	14679	18.25	ug/l	97
10) Methyl Iodide	2.487	142	14303	20.37	ug/l #	89
11) Tert butyl alcohol	3.023	59	20759	97.87	ug/l	95
12) 1,1-Dichloroethene	2.352	96	14538	18.53	ug/l	84
13) Acrolein	2.275	56	12293	98.89	ug/l	96
14) Allyl chloride	2.705	41	29358	18.15	ug/l #	87
15) Acrylonitrile	3.117	53	50382	102.16	ug/l	96
16) Acetone	2.422	43	48331	104.04	ug/l	88
17) Carbon Disulfide	2.546	76	38050	17.02	ug/l	97
18) Methyl Acetate	2.752	43	26537	20.84	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	58038	19.71	ug/l	100
20) Methylene Chloride	2.834	84	18139	18.99	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	16289	18.59	ug/l	89
22) Diisopropyl ether	3.823	45	61281	19.72	ug/l	92
23) Vinyl Acetate	3.787	43	260752	96.19	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	32471	19.35	ug/l	97
25) 2-Butanone	4.635	43	72555	101.57	ug/l	90
26) 2,2-Dichloropropane	4.546	77	22904	15.64	ug/l	98
27) cis-1,2-Dichloroethene	4.558	96	19121	19.00	ug/l	92
28) Bromochloromethane	4.982	49	15478	19.58	ug/l	84
29) Tetrahydrofuran	5.088	42	47872	101.47	ug/l #	85
30) Chloroform	5.176	83	34780	19.91	ug/l	96
31) Cyclohexane	5.552	56	26667	17.47	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	29814	19.26	ug/l	95
36) 1,1-Dichloropropene	5.770	75	23684	17.88	ug/l	97
37) Ethyl Acetate	4.793	43	27538	17.94	ug/l	94
38) Carbon Tetrachloride	5.758	117	26302	19.12	ug/l	91
39) Methylcyclohexane	7.441	83	25604	17.41	ug/l	94
40) Benzene	6.111	78	70555	19.32	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	16317	18.52	ug/l	88
42) 1,2-Dichloroethane	6.164	62	30776	19.54	ug/l	94
43) Isopropyl Acetate	6.411	43	46878	18.62	ug/l #	91
44) Trichloroethene	7.188	130	18286	18.85	ug/l	91
45) 1,2-Dichloropropane	7.488	63	19083	19.45	ug/l	98
46) Dibromomethane	7.635	93	14272	19.88	ug/l	89
47) Bromodichloromethane	7.876	83	27858	19.35	ug/l	97
48) Methyl methacrylate	7.747	41	25398	19.02	ug/l #	81
49) 1,4-Dioxane	7.711	88	8799	379.92	ug/l #	84
51) 4-Methyl-2-Pentanone	8.617	43	150055	102.44	ug/l	87
52) Toluene	8.765	92	44241	19.59	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	27061	17.72	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	29212	17.91	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	18808	20.36	ug/l	98
56) Ethyl methacrylate	9.159	69	28353	19.09	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	31607	19.66	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	73643	90.72	ug/l	95
59) 2-Hexanone	9.470	43	110576	100.85	ug/l	85
60) Dibromochloromethane	9.565	129	20622	19.60	ug/l	99
61) 1,2-Dibromoethane	9.653	107	19700	19.46	ug/l	99
64) Tetrachloroethene	9.318	164	17140	18.86	ug/l	93
65) Chlorobenzene	10.124	112	46106	18.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	17989	19.38	ug/l	99
67) Ethyl Benzene	10.235	91	84391	18.24	ug/l	97
68) m/p-Xylenes	10.341	106	60561	36.63	ug/l	93
69) o-Xylene	10.682	106	30280	18.85	ug/l	96
70) Styrene	10.694	104	49850	18.49	ug/l	94
71) Bromoform	10.841	173	14363	19.14	ug/l #	100
73) Isopropylbenzene	11.000	105	82399	19.67	ug/l	98
74) N-amyl acetate	10.882	43	40353	18.99	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	27885	20.05	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	27041m	20.67	ug/l	
77) Bromobenzene	11.235	156	19727	19.84	ug/l	95
78) n-propylbenzene	11.341	91	93897	19.17	ug/l	98
79) 2-Chlorotoluene	11.406	91	57010	19.16	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	69711	19.66	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7870	16.33	ug/l #	83
82) 4-Chlorotoluene	11.494	91	66683	19.03	ug/l	96
83) tert-Butylbenzene	11.753	119	65904	19.53	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	71160	19.74	ug/l	94
85) sec-Butylbenzene	11.930	105	75993	19.11	ug/l	100
86) p-Isopropyltoluene	12.047	119	68864	18.89	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	34711	19.15	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	35090	18.93	ug/l	98
89) n-Butylbenzene	12.371	91	60526	18.22	ug/l	95
90) Hexachloroethane	12.577	117	11973	21.57	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	34384	19.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6434	18.04	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	21560	18.55	ug/l	97
94) Hexachlorobutadiene	13.765	225	9544	19.57	ug/l	97
95) Naphthalene	13.818	128	72154	18.04	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	22080	19.07	ug/l	98

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

