

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021625.D
 Acq On : 30 Mar 2021 13:41
 Operator : JC/MD
 Sample : VX0330WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 6:59:39 PM

Quant Time: Mar 31 04:57:04 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	5.623	168	72329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	121062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59840	49.72	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.44%		
35) Dibromofluoromethane	5.458	113	42149	49.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.02%		
50) Toluene-d8	8.694	98	148511	48.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.92%		
62) 4-Bromofluorobenzene	11.118	95	57873	48.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	13707	17.24	ug/l	97
3) Chloromethane	1.311	50	16396	17.97	ug/l	98
4) Vinyl Chloride	1.393	62	14399	17.71	ug/l	96
5) Bromomethane	1.623	94	7343	22.44	ug/l	99
6) Chloroethane	1.705	64	9087	17.62	ug/l	93
7) Trichlorofluoromethane	1.911	101	24157	18.27	ug/l	96
8) Diethyl Ether	2.164	74	8587	18.71	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	13671	18.36	ug/l	97
10) Methyl Iodide	2.487	142	11447	23.72	ug/l #	89
11) Tert butyl alcohol	3.017	59	17866	89.80	ug/l	96
12) 1,1-Dichloroethene	2.352	96	12619	17.31	ug/l	94
13) Acrolein	2.270	56	8950	91.95	ug/l	95
14) Allyl chloride	2.705	41	25537	17.26	ug/l	87
15) Acrylonitrile	3.117	53	43868	92.78	ug/l	97
16) Acetone	2.417	43	41144	90.42	ug/l	88
17) Carbon Disulfide	2.546	76	31244	15.26	ug/l	99
18) Methyl Acetate	2.746	43	27565	20.97	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	50823	18.67	ug/l	99
20) Methylene Chloride	2.834	84	16198	18.24	ug/l	92
21) trans-1,2-Dichloroethene	3.140	96	14290	17.85	ug/l	95
22) Diisopropyl ether	3.823	45	54336	18.90	ug/l	95
23) Vinyl Acetate	3.782	43	221491	91.10	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	28612	18.46	ug/l	99
25) 2-Butanone	4.629	43	63081	91.45	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	23826	17.75	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	17017	18.30	ug/l	90
28) Bromochloromethane	4.970	49	15385	19.83	ug/l	82
29) Tetrahydrofuran	5.082	42	40571	90.72	ug/l #	86
30) Chloroform	5.164	83	31371	19.18	ug/l	91
31) Cyclohexane	5.541	56	23346	17.64	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	26497	18.28	ug/l	96
36) 1,1-Dichloropropene	5.764	75	20757	17.50	ug/l	96
37) Ethyl Acetate	4.788	43	23519	17.15	ug/l #	94
38) Carbon Tetrachloride	5.752	117	23497	18.43	ug/l	96
39) Methylcyclohexane	7.441	83	23094	17.56	ug/l	94
40) Benzene	6.105	78	61723	18.32	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	13944	17.53	ug/l	88
42) 1,2-Dichloroethane	6.158	62	27512	18.84	ug/l	94
43) Isopropyl Acetate	6.406	43	40185	18.04	ug/l #	91
44) Trichloroethene	7.182	130	16558	18.63	ug/l	99
45) 1,2-Dichloropropane	7.488	63	17352	19.02	ug/l	94
46) Dibromomethane	7.635	93	12116	18.22	ug/l	91
47) Bromodichloromethane	7.870	83	25775	19.04	ug/l	95
48) Methyl methacrylate	7.747	41	21885	18.42	ug/l #	82
49) 1,4-Dioxane	7.712	88	8102	380.93	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	128660	93.92	ug/l	88
52) Toluene	8.765	92	38835	18.67	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	24989	18.28	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	26836	18.45	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	17236	19.63	ug/l	98
56) Ethyl methacrylate	9.159	69	24166	17.70	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	28412	18.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	68579	92.41	ug/l	95
59) 2-Hexanone	9.471	43	95408	92.76	ug/l	84
60) Dibromochloromethane	9.565	129	18806	19.12	ug/l	100
61) 1,2-Dibromoethane	9.653	107	17510	18.56	ug/l	98
64) Tetrachloroethene	9.312	164	15068	19.90	ug/l	93
65) Chlorobenzene	10.118	112	42870	18.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	16819	19.33	ug/l	98
67) Ethyl Benzene	10.235	91	75206	18.17	ug/l	96
68) m/p-Xylenes	10.341	106	54633	37.04	ug/l	92
69) o-Xylene	10.683	106	26348	18.44	ug/l	92
70) Styrene	10.694	104	45639	18.58	ug/l	95
71) Bromoform	10.841	173	13195	18.66	ug/l #	100
73) Isopropylbenzene	11.000	105	71709	18.34	ug/l	100
74) N-amyl acetate	10.877	43	33345	17.63	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	26025	18.84	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	25123m	19.40	ug/l	
77) Bromobenzene	11.236	156	18467	19.06	ug/l	95
78) n-propylbenzene	11.341	91	85409	18.50	ug/l	99
79) 2-Chlorotoluene	11.406	91	52632	18.79	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	63008	18.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	7364	17.32	ug/l #	79
82) 4-Chlorotoluene	11.494	91	61432	18.48	ug/l	96
83) tert-Butylbenzene	11.753	119	60184	18.51	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	63398	18.83	ug/l	98
85) sec-Butylbenzene	11.930	105	70400	18.77	ug/l	99
86) p-Isopropyltoluene	12.047	119	63838	18.70	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	33426	19.15	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	32507	18.01	ug/l	95
89) n-Butylbenzene	12.371	91	56781	18.15	ug/l	96
90) Hexachloroethane	12.577	117	11117	18.04	ug/l	90
91) 1,2-Dichlorobenzene	12.371	146	31636	18.65	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5733	17.79	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	19524	17.56	ug/l	98
94) Hexachlorobutadiene	13.765	225	9419	18.77	ug/l	98
95) Naphthalene	13.818	128	63751	17.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20360	18.32	ug/l	99

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

