

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021648.D
 Acq On : 30 Mar 2021 23:07
 Operator : JC/MD
 Sample : VX0330WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS03

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 6:59:56 PM

Quant Time: Mar 31 05:04:00 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	5.629	168	71185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	121915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59360	50.12	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.24%
35) Dibromofluoromethane	5.464	113	41264	47.65	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.30%
50) Toluene-d8	8.694	98	147526	47.81	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.62%
62) 4-Bromofluorobenzene	11.118	95	56667	47.23	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.46%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	13591	17.37	ug/l	95
3) Chloromethane	1.311	50	17111	19.05	ug/l	99
4) Vinyl Chloride	1.393	62	15071	18.83	ug/l	97
5) Bromomethane	1.623	94	7474	23.21	ug/l	100
6) Chloroethane	1.705	64	9458	18.63	ug/l	94
7) Trichlorofluoromethane	1.911	101	24476	18.80	ug/l	99
8) Diethyl Ether	2.170	74	8751	19.37	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	13796	18.83	ug/l	95
10) Methyl Iodide	2.487	142	11966	24.78	ug/l #	89
11) Tert butyl alcohol	3.017	59	17837	91.09	ug/l	96
12) 1,1-Dichloroethene	2.352	96	12758	17.78	ug/l #	80
13) Acrolein	2.276	56	9016	94.01	ug/l	96
14) Allyl chloride	2.705	41	26008	17.86	ug/l #	88
15) Acrylonitrile	3.117	53	44969	96.64	ug/l	97
16) Acetone	2.423	43	43729	97.65	ug/l	88
17) Carbon Disulfide	2.546	76	31635	15.70	ug/l	99
18) Methyl Acetate	2.752	43	27919	21.58	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	50316	18.78	ug/l	94
20) Methylene Chloride	2.835	84	16034	18.35	ug/l #	76
21) trans-1,2-Dichloroethene	3.140	96	14254	18.09	ug/l	94
22) Diisopropyl ether	3.823	45	54872	19.40	ug/l	94
23) Vinyl Acetate	3.788	43	216769	90.59	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	29135	19.10	ug/l	97
25) 2-Butanone	4.635	43	64540	95.07	ug/l	90
26) 2,2-Dichloropropane	4.547	77	20104	15.22	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	17149	18.74	ug/l	93
28) Bromochloromethane	4.976	49	15115	19.80	ug/l	84
29) Tetrahydrofuran	5.094	42	41632	94.59	ug/l #	85
30) Chloroform	5.176	83	31692	19.69	ug/l	95
31) Cyclohexane	5.541	56	22926	17.60	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	27552	19.32	ug/l	95
36) 1,1-Dichloropropene	5.770	75	20917	17.51	ug/l	97
37) Ethyl Acetate	4.794	43	24274	17.57	ug/l #	94
38) Carbon Tetrachloride	5.758	117	23951	18.66	ug/l	94
39) Methylcyclohexane	7.441	83	21631	16.33	ug/l	93
40) Benzene	6.111	78	62528	18.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	14427	18.01	ug/l	89
42) 1,2-Dichloroethane	6.159	62	28158	19.15	ug/l	94
43) Isopropyl Acetate	6.411	43	40647	18.12	ug/l #	91
44) Trichloroethene	7.188	130	16472	18.40	ug/l	98
45) 1,2-Dichloropropane	7.482	63	17285	18.81	ug/l	94
46) Dibromomethane	7.635	93	12375	18.48	ug/l	93
47) Bromodichloromethane	7.876	83	25435	18.66	ug/l	98
48) Methyl methacrylate	7.747	41	21514	17.98	ug/l #	81
49) 1,4-Dioxane	7.718	88	8165	381.21	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	133373	96.68	ug/l	87
52) Toluene	8.765	92	39558	18.88	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	23708	17.23	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	26107	17.83	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	17420	19.70	ug/l	99
56) Ethyl methacrylate	9.159	69	24302	17.67	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	28481	18.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	68085	91.10	ug/l	95
59) 2-Hexanone	9.471	43	99560	96.12	ug/l	84
60) Dibromochloromethane	9.565	129	19202	19.39	ug/l	98
61) 1,2-Dibromoethane	9.653	107	17862	18.80	ug/l	97
64) Tetrachloroethene	9.318	164	15092	19.96	ug/l	92
65) Chlorobenzene	10.118	112	42526	18.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	16489	18.98	ug/l	99
67) Ethyl Benzene	10.236	91	75267	18.21	ug/l	99
68) m/p-Xylenes	10.341	106	54662	37.13	ug/l	95
69) o-Xylene	10.683	106	26585	18.64	ug/l	94
70) Styrene	10.694	104	44862	18.29	ug/l	95
71) Bromoform	10.841	173	13272	18.80	ug/l #	99
73) Isopropylbenzene	11.000	105	72830	19.74	ug/l	99
74) N-amyl acetate	10.883	43	34136	19.12	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.247	83	26088	20.01	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25122m	20.55	ug/l	
77) Bromobenzene	11.242	156	17353	18.97	ug/l	94
78) n-propylbenzene	11.342	91	83796	19.23	ug/l	98
79) 2-Chlorotoluene	11.406	91	51540	19.50	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	61272	19.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	6605	16.46	ug/l #	79
82) 4-Chlorotoluene	11.494	91	59977	19.11	ug/l	98
83) tert-Butylbenzene	11.753	119	58246	18.98	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	63007	19.83	ug/l	97
85) sec-Butylbenzene	11.930	105	68619	19.38	ug/l	99
86) p-Isopropyltoluene	12.047	119	62408	19.36	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	31404	19.06	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	32375	19.00	ug/l	98
89) n-Butylbenzene	12.371	91	52881	17.91	ug/l	96
90) Hexachloroethane	12.577	117	10913	18.76	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	30821	19.24	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5763	18.82	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	17950	17.10	ug/l	97
94) Hexachlorobutadiene	13.765	225	8179	17.26	ug/l	97
95) Naphthalene	13.818	128	62775	18.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	19532	18.62	ug/l	100

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

