

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021673.D
 Acq On : 31 Mar 2021 11:01
 Operator : JC/MD
 Sample : VX0331WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 4:13:41 PM

Quant Time: Apr 01 03:21:37 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	75101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	120573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59045	47.25	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.50%		
35) Dibromofluoromethane	5.464	113	42113	49.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.34%		
50) Toluene-d8	8.694	98	148843	48.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.54%		
62) 4-Bromofluorobenzene	11.118	95	54806	46.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.38%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	13620	16.50	ug/l	98
3) Chloromethane	1.311	50	16424	17.33	ug/l	99
4) Vinyl Chloride	1.393	62	15044	17.82	ug/l	97
5) Bromomethane	1.623	94	7807	22.98	ug/l	98
6) Chloroethane	1.705	64	9620	17.97	ug/l	100
7) Trichlorofluoromethane	1.911	101	25575	18.62	ug/l	95
8) Diethyl Ether	2.170	74	8976	18.84	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	14284	18.48	ug/l	97
10) Methyl Iodide	2.487	142	12111	24.04	ug/l	91
11) Tert butyl alcohol	3.017	59	16435	79.56	ug/l	96
12) 1,1-Dichloroethene	2.352	96	13244	17.50	ug/l	89
13) Acrolein	2.276	56	10065	99.23	ug/l	98
14) Allyl chloride	2.705	41	25942	16.89	ug/l #	87
15) Acrylonitrile	3.111	53	43934	89.49	ug/l	98
16) Acetone	2.423	43	41307	87.43	ug/l #	88
17) Carbon Disulfide	2.546	76	31964	15.04	ug/l	98
18) Methyl Acetate	2.746	43	27207	19.93	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	51345	18.17	ug/l	99
20) Methylene Chloride	2.834	84	16181	17.55	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	14597	17.56	ug/l	91
22) Diisopropyl ether	3.823	45	55354	18.55	ug/l	97
23) Vinyl Acetate	3.782	43	220760	87.44	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	29971	18.63	ug/l	97
25) 2-Butanone	4.629	43	62545	87.33	ug/l #	88
26) 2,2-Dichloropropane	4.541	77	24927	17.88	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	17156	17.77	ug/l	89
28) Bromochloromethane	4.976	49	14631	18.16	ug/l	85
29) Tetrahydrofuran	5.088	42	40677	87.60	ug/l #	85
30) Chloroform	5.176	83	31852	18.76	ug/l	95
31) Cyclohexane	5.541	56	23687	17.24	ug/l	94
32) 1,1,1-Trichloroethane	5.452	97	28149	18.70	ug/l	97
36) 1,1-Dichloropropene	5.764	75	21372	18.09	ug/l	97
37) Ethyl Acetate	4.794	43	24439	17.89	ug/l #	92
38) Carbon Tetrachloride	5.753	117	24535	19.33	ug/l	96
39) Methylcyclohexane	7.435	83	23618	18.03	ug/l	94
40) Benzene	6.106	78	63262	18.86	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	13729	17.33	ug/l	89
42) 1,2-Dichloroethane	6.158	62	28397	19.52	ug/l	94
43) Isopropyl Acetate	6.411	43	40443	18.23	ug/l #	90
44) Trichloroethene	7.188	130	16326	18.44	ug/l	87
45) 1,2-Dichloropropane	7.488	63	17333	19.07	ug/l	99
46) Dibromomethane	7.635	93	12752	19.25	ug/l	90
47) Bromodichloromethane	7.870	83	26012	19.30	ug/l	97
48) Methyl methacrylate	7.741	41	21208	17.92	ug/l #	81
49) 1,4-Dioxane	7.712	88	7298	344.52	ug/l #	84
51) 4-Methyl-2-Pentanone	8.618	43	128756	94.38	ug/l	87
52) Toluene	8.765	92	39066	18.85	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	24286	17.84	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	26946	18.60	ug/l #	81
55) 1,1,2-Trichloroethane	9.194	97	16778	19.18	ug/l	98
56) Ethyl methacrylate	9.159	69	23675	17.44	ug/l #	71
57) 1,3-Dichloropropane	9.353	76	28573	19.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	67956	91.94	ug/l	96
59) 2-Hexanone	9.471	43	94241	91.99	ug/l	84
60) Dibromochloromethane	9.565	129	18679	19.07	ug/l	98
61) 1,2-Dibromoethane	9.653	107	17145	18.25	ug/l	98
64) Tetrachloroethene	9.318	164	15791	21.15	ug/l	94
65) Chlorobenzene	10.118	112	41337	18.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	16730	19.50	ug/l	99
67) Ethyl Benzene	10.235	91	75748	18.56	ug/l	98
68) m/p-Xylenes	10.341	106	55441	38.13	ug/l	95
69) o-Xylene	10.683	106	26079	18.52	ug/l	94
70) Styrene	10.694	104	44598	18.41	ug/l	95
71) Bromoform	10.836	173	13095	18.78	ug/l #	99
73) Isopropylbenzene	11.000	105	73397	19.94	ug/l	99
74) N-amyl acetate	10.877	43	32141	18.04	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	24946	19.18	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	24459m	20.05	ug/l	
77) Bromobenzene	11.236	156	17130	18.77	ug/l	91
78) n-propylbenzene	11.341	91	83750	19.26	ug/l	98
79) 2-Chlorotoluene	11.400	91	51561	19.55	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	60885	19.36	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.053	75	6906	17.24	ug/l #	81
82) 4-Chlorotoluene	11.494	91	60185	19.22	ug/l	97
83) tert-Butylbenzene	11.753	119	57613	18.81	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	63256	19.95	ug/l	97
85) sec-Butylbenzene	11.930	105	68239	19.32	ug/l	100
86) p-Isopropyltoluene	12.047	119	63566	19.77	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	31800	19.35	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	31708	18.65	ug/l	96
89) n-Butylbenzene	12.371	91	55345	18.79	ug/l	95
90) Hexachloroethane	12.577	117	10959	18.88	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	31409	19.66	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5701	18.67	ug/l	78
93) 1,2,4-Trichlorobenzene	13.624	180	18933	18.08	ug/l	98
94) Hexachlorobutadiene	13.765	225	9343	19.76	ug/l	98
95) Naphthalene	13.812	128	63775	18.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20661	19.74	ug/l	99

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

