

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021649.D
 Acq On : 30 Mar 2021 23:30
 Operator : JC/MD
 Sample : VX0330WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD03

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 7:00:02 PM

Quant Time: Mar 31 05:04:37 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	5.629	168	73632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60005	48.98	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.96%
35) Dibromofluoromethane	5.464	113	43019	49.00	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.00%
50) Toluene-d8	8.694	98	146912	46.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.92%
62) 4-Bromofluorobenzene	11.118	95	56110	46.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.26%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	14066	17.38	ug/l	97
3) Chloromethane	1.311	50	16950	18.24	ug/l	98
4) Vinyl Chloride	1.393	62	15207	18.37	ug/l	98
5) Bromomethane	1.623	94	7610	22.84	ug/l	97
6) Chloroethane	1.705	64	9890	18.84	ug/l	99
7) Trichlorofluoromethane	1.911	101	25385	18.85	ug/l	97
8) Diethyl Ether	2.170	74	8721	18.67	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.364	101	14028	18.51	ug/l	97
10) Methyl Iodide	2.487	142	12244	24.58	ug/l #	89
11) Tert butyl alcohol	3.017	59	18697	92.31	ug/l	98
12) 1,1-Dichloroethene	2.352	96	13283	17.90	ug/l	86
13) Acrolein	2.276	56	9186	92.67	ug/l	99
14) Allyl chloride	2.705	41	26607	17.67	ug/l #	88
15) Acrylonitrile	3.117	53	46635	96.89	ug/l	98
16) Acetone	2.423	43	44244	95.51	ug/l	89
17) Carbon Disulfide	2.546	76	32491	15.59	ug/l	100
18) Methyl Acetate	2.746	43	28694	21.44	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	52414	18.91	ug/l	99
20) Methylene Chloride	2.834	84	16529	18.29	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	14938	18.33	ug/l	95
22) Diisopropyl ether	3.829	45	55616	19.01	ug/l #	92
23) Vinyl Acetate	3.782	43	226004	91.31	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	29966	18.99	ug/l	95
25) 2-Butanone	4.635	43	67184	95.68	ug/l	89
26) 2,2-Dichloropropane	4.546	77	20728	15.17	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	17714	18.72	ug/l	93
28) Bromochloromethane	4.982	49	15396	19.49	ug/l #	86
29) Tetrahydrofuran	5.094	42	43024	94.50	ug/l #	86
30) Chloroform	5.176	83	32818	19.71	ug/l	100
31) Cyclohexane	5.541	56	23453	17.41	ug/l	90
32) 1,1,1-Trichloroethane	5.458	97	28571	19.36	ug/l	96
36) 1,1-Dichloropropene	5.764	75	21798	18.00	ug/l	96
37) Ethyl Acetate	4.794	43	25151	17.96	ug/l #	93
38) Carbon Tetrachloride	5.753	117	24281	18.66	ug/l	93
39) Methylcyclohexane	7.441	83	22914	17.07	ug/l	93
40) Benzene	6.111	78	63949	18.60	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	14919	18.37	ug/l #	87
42) 1,2-Dichloroethane	6.158	62	28342	19.01	ug/l	94
43) Isopropyl Acetate	6.411	43	41791	18.38	ug/l #	90
44) Trichloroethene	7.188	130	17123	18.87	ug/l	97
45) 1,2-Dichloropropane	7.494	63	17686	18.99	ug/l	96
46) Dibromomethane	7.635	93	12758	18.79	ug/l	94
47) Bromodichloromethane	7.876	83	26003	18.82	ug/l	97
48) Methyl methacrylate	7.747	41	22190	18.30	ug/l #	82
49) 1,4-Dioxane	7.712	88	8310	382.73	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	136726	97.77	ug/l	88
52) Toluene	8.765	92	39547	18.62	ug/l	97
53) t-1,3-Dichloropropene	9.024	75	24504	17.56	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	26563	17.89	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	17506	19.53	ug/l	98
56) Ethyl methacrylate	9.159	69	24442	17.55	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	29108	18.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	69901	92.27	ug/l	97
59) 2-Hexanone	9.471	43	101837	96.98	ug/l	84
60) Dibromochloromethane	9.565	129	18945	18.87	ug/l	97
61) 1,2-Dibromoethane	9.653	107	18319	19.02	ug/l	97
64) Tetrachloroethene	9.318	164	16098	21.34	ug/l	92
65) Chlorobenzene	10.124	112	42318	18.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	16914	19.51	ug/l	99
67) Ethyl Benzene	10.235	91	76835	18.63	ug/l	98
68) m/p-Xylenes	10.341	106	54793	37.29	ug/l	91
69) o-Xylene	10.683	106	27015	18.98	ug/l	94
70) Styrene	10.694	104	45666	18.66	ug/l	95
71) Bromoform	10.841	173	13053	18.53	ug/l #	98
73) Isopropylbenzene	11.000	105	74080	19.56	ug/l	99
74) N-amyl acetate	10.883	43	34506	18.83	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	26269	19.63	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25263m	20.13	ug/l	
77) Bromobenzene	11.236	156	17834	18.99	ug/l	95
78) n-propylbenzene	11.341	91	84732	18.94	ug/l	97
79) 2-Chlorotoluene	11.406	91	51739	19.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	62056	19.18	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	6881	16.70	ug/l #	82
82) 4-Chlorotoluene	11.494	91	60758	18.86	ug/l	97
83) tert-Butylbenzene	11.753	119	58236	18.48	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	62220	19.07	ug/l	96
85) sec-Butylbenzene	11.930	105	70002	19.26	ug/l	98
86) p-Isopropyltoluene	12.047	119	62264	18.82	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	31399	18.57	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	32329	18.48	ug/l	96
89) n-Butylbenzene	12.371	91	53268	17.57	ug/l	95
90) Hexachloroethane	12.577	117	10666	17.86	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	31988	19.46	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5857	18.65	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	19053	17.68	ug/l	99
94) Hexachlorobutadiene	13.765	225	8980	18.46	ug/l	98
95) Naphthalene	13.818	128	63207	17.99	ug/l	98
96) 1,2,3-Trichlorobenzene	14.001	180	19607	18.20	ug/l	98

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

