

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021301.D
 Acq On : 19 Mar 2021 14:54
 Operator : JC/MD
 Sample : VX0321WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:35:52 AM

Quant Time: Mar 19 15:56:12 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	5.629	168	75478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	129587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	120762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63919	51.63	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.26%
35) Dibromofluoromethane	5.464	113	44540	50.51	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.02%
50) Toluene-d8	8.694	98	158614	49.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.16%
62) 4-Bromofluorobenzene	11.118	95	63742	51.30	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	16859	18.70	ug/l	100
3) Chloromethane	1.311	50	22858	16.15	ug/l	99
4) Vinyl Chloride	1.393	62	17011	18.52	ug/l	96
5) Bromomethane	1.623	94	8844	22.05	ug/l	98
6) Chloroethane	1.705	64	10704	19.07	ug/l	100
7) Trichlorofluoromethane	1.911	101	26623	19.23	ug/l	98
8) Diethyl Ether	2.170	74	9456	19.41	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.364	101	14960	18.97	ug/l	95
10) Methyl Iodide	2.487	142	11386	16.54	ug/l #	86
11) Tert butyl alcohol	3.017	59	20986	100.91	ug/l	95
12) 1,1-Dichloroethene	2.352	96	14032	18.24	ug/l	89
13) Acrolein	2.270	56	13774	112.56	ug/l	97
14) Allyl chloride	2.705	41	29259	18.45	ug/l #	87
15) Acrylonitrile	3.117	53	50720	104.89	ug/l	98
16) Acetone	2.423	43	46248	101.53	ug/l #	88
17) Carbon Disulfide	2.552	76	39811	18.12	ug/l	97
18) Methyl Acetate	2.752	43	24423	19.56	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	56960	19.73	ug/l	98
20) Methylene Chloride	2.834	84	17522	18.70	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	15653	18.22	ug/l	88
22) Diisopropyl ether	3.823	45	60051	19.71	ug/l #	90
23) Vinyl Acetate	3.782	43	266259	100.17	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	31619	19.22	ug/l	97
25) 2-Butanone	4.635	43	71726	102.40	ug/l	90
26) 2,2-Dichloropropane	4.552	77	27110	18.89	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	18972	19.22	ug/l	92
28) Bromochloromethane	4.976	49	15990	20.63	ug/l	85
29) Tetrahydrofuran	5.088	42	46095	99.64	ug/l	88
30) Chloroform	5.176	83	32881	19.20	ug/l	97
31) Cyclohexane	5.547	56	27519	18.39	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	29516	19.45	ug/l	96
36) 1,1-Dichloropropene	5.764	75	23435	17.95	ug/l	97
37) Ethyl Acetate	4.794	43	28044	18.53	ug/l #	94
38) Carbon Tetrachloride	5.752	117	25455	18.77	ug/l	97
39) Methylcyclohexane	7.441	83	26789	18.48	ug/l	91
40) Benzene	6.111	78	69003	19.18	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	16060	18.50	ug/l	88
42) 1,2-Dichloroethane	6.158	62	30545	19.68	ug/l	93
43) Isopropyl Acetate	6.411	43	47044	18.96	ug/l #	90
44) Trichloroethene	7.182	130	17451	18.26	ug/l	96
45) 1,2-Dichloropropane	7.488	63	18687	19.33	ug/l	97
46) Dibromomethane	7.635	93	13422	18.97	ug/l	92
47) Bromodichloromethane	7.876	83	27585	19.44	ug/l	98
48) Methyl methacrylate	7.747	41	24742	18.80	ug/l #	81
49) 1,4-Dioxane	7.712	88	9268	406.84	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	148444	102.83	ug/l	88
52) Toluene	8.765	92	42737	19.21	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	28079	18.66	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	29744	18.51	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	18391	20.20	ug/l	96
56) Ethyl methacrylate	9.159	69	28429	19.42	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	31573	19.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	74287	92.86	ug/l	95
59) 2-Hexanone	9.471	43	112160	103.80	ug/l	85
60) Dibromochloromethane	9.565	129	20779	20.04	ug/l	99
61) 1,2-Dibromoethane	9.653	107	19717	19.76	ug/l	96
64) Tetrachloroethene	9.318	164	15841	17.56	ug/l	95
65) Chlorobenzene	10.118	112	46496	18.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	17621	19.13	ug/l	98
67) Ethyl Benzene	10.235	91	85126	18.54	ug/l	100
68) m/p-Xylenes	10.341	106	61169	37.29	ug/l	92
69) o-Xylene	10.683	106	29665	18.61	ug/l	91
70) Styrene	10.694	104	51386	19.21	ug/l	94
71) Bromoform	10.841	173	14317	19.23	ug/l #	99
73) Isopropylbenzene	11.000	105	81781	18.39	ug/l	100
74) N-amyl acetate	10.877	43	41678	18.48	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	29133	19.74	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	25553m	18.40	ug/l	
77) Bromobenzene	11.241	156	20086	19.04	ug/l	92
78) n-propylbenzene	11.341	91	97422	18.73	ug/l	97
79) 2-Chlorotoluene	11.406	91	59249	18.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	70934	18.85	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	9039	17.67	ug/l #	80
82) 4-Chlorotoluene	11.494	91	70424	18.94	ug/l	95
83) tert-Butylbenzene	11.753	119	67661	18.89	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	73790	19.29	ug/l	95
85) sec-Butylbenzene	11.930	105	80894	19.16	ug/l	98
86) p-Isopropyltoluene	12.047	119	72888	18.84	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	35585	18.49	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	35606	18.09	ug/l	94
89) n-Butylbenzene	12.371	91	64737	18.36	ug/l	97
90) Hexachloroethane	12.577	117	12863	21.83	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	35160	18.73	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6841	18.07	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	20714	16.79	ug/l	96
94) Hexachlorobutadiene	13.765	225	9871	19.07	ug/l	95
95) Naphthalene	13.812	128	75277	17.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	22428	18.25	ug/l	99

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

