

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018053.D
 Acq On : 21 Aug 2020 13:05
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:53 PM

Quant Time: Aug 22 00:08:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	606428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	970510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	857543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	370785	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	
35) Dibromofluoromethane	5.47	113	285580	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	
50) Toluene-d8	8.70	98	1045229	42.46	ug/l	0.00
Spiked Amount			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.12	95	385210	39.77	ug/l	0.00
Spiked Amount			Recovery	=	79.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	127819	17.312	ug/l	99
3) Chloromethane	1.31	50	123670	15.887	ug/l	96
4) Vinyl Chloride	1.39	62	126393	16.311	ug/l	97
5) Bromomethane	1.63	94	79173	21.183	ug/l	96
6) Chloroethane	1.72	64	77019	18.506	ug/l	98
7) Trichlorofluoromethane	1.92	101	188182	17.810	ug/l	99
8) Diethyl Ether	2.17	74	65999	18.419	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	95341	16.691	ug/l	98
10) Methyl Iodide	2.49	142	96262	19.372	ug/l	97
11) Tert butyl alcohol	3.02	59	123892	75.686	ug/l	98
12) 1,1-Dichloroethene	2.36	96	92699	15.642	ug/l	92
13) Acrolein	2.28	56	60935	89.777	ug/l	99
14) Allyl chloride	2.71	41	182281	17.120	ug/l	99
15) Acrylonitrile	3.11	53	315481	84.963	ug/l	99
16) Acetone	2.42	43	272817	83.164	ug/l	93
17) Carbon Disulfide	2.55	76	293261	16.369	ug/l	99
18) Methyl Acetate	2.75	43	134943	17.047	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	358023	17.616	ug/l	98
20) Methylene Chloride	2.83	84	120422	17.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	109805	16.724	ug/l	99
22) Diisopropyl ether	3.83	45	382562	18.205	ug/l	97
23) Vinyl Acetate	3.78	43	1677518	89.711	ug/l	100
24) 1,1-Dichloroethane	3.67	63	210122	17.565	ug/l	97
25) 2-Butanone	4.64	43	442000	81.984	ug/l	98
26) 2,2-Dichloropropane	4.55	77	186463	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	129277	17.089	ug/l	98
28) Bromochloromethane	4.98	49	102825	17.808	ug/l	97
29) Tetrahydrofuran	5.09	42	278152	81.046	ug/l	98
30) Chloroform	5.17	83	207731	16.771	ug/l	100
31) Cyclohexane	5.55	56	186573	18.515	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	192908	16.971	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154334	17.241	ug/l	99
37) Ethyl Acetate	4.79	43	178934	17.211	ug/l	99
38) Carbon Tetrachloride	5.75	117	171841	17.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169305	17.297	ug/l	97
40) Benzene	6.11	78	453168	17.229	ug/l	98
41) Methacrylonitrile	5.00	41	93446	16.370	ug/l	98
42) 1,2-Dichloroethane	6.16	62	168998	16.770	ug/l	99
43) Isopropyl Acetate	6.41	43	293241	17.463	ug/l	100
44) Trichloroethene	7.19	130	127105	17.102	ug/l	94
45) 1,2-Dichloropropane	7.49	63	117738	16.608	ug/l	93
46) Dibromomethane	7.64	93	82080	16.465	ug/l	98
47) Bromodichloromethane	7.87	83	164918	16.568	ug/l	99
48) Methyl methacrylate	7.74	41	131361	15.714	ug/l	99
49) 1,4-Dioxane	7.71	88	44630	294.737	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	914209	88.135	ug/l	99
52) Toluene	8.76	92	292595	17.543	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191873	17.393	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	213165	18.240	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	119979	16.867	ug/l	99
56) Ethyl methacrylate	9.16	69	176995	16.738	ug/l	99
57) 1,3-Dichloropropane	9.35	76	202036	17.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	435641	91.579	ug/l	99
59) 2-Hexanone	9.47	43	619492	78.542	ug/l	99
60) Dibromochloromethane	9.57	129	138051	16.544	ug/l	99
61) 1,2-Dibromoethane	9.65	107	122767	15.897	ug/l	99
64) Tetrachloroethene	9.32	164	118431	18.793	ug/l	89
65) Chlorobenzene	10.12	112	294223	17.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	118477	17.551	ug/l	99
67) Ethyl Benzene	10.23	91	512103	17.582	ug/l	100
68) m/p-Xylenes	10.34	106	416258	38.290	ug/l	99
69) o-Xylene	10.68	106	190716	18.097	ug/l	100
70) Styrene	10.70	104	327191	18.231	ug/l	99
71) Bromoform	10.84	173	105240	18.278	ug/l	96
73) Isopropylbenzene	11.00	105	517238	17.097	ug/l	98
74) N-amyl acetate	10.88	43	238148	16.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	169250	15.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	162187m	15.896	ug/l	
77) Bromobenzene	11.24	156	138772	16.595	ug/l	99
78) n-propylbenzene	11.34	91	597184	17.385	ug/l	99
79) 2-Chlorotoluene	11.40	91	363820	17.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	446699	17.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	64853	17.168	ug/l	97
82) 4-Chlorotoluene	11.49	91	424286	16.817	ug/l	99
83) tert-Butylbenzene	11.76	119	442166	18.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475736	18.717	ug/l	100
85) sec-Butylbenzene	11.93	105	521310	18.685	ug/l	99
86) p-Isopropyltoluene	12.05	119	483754	18.876	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	256272	17.455	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	253396	17.237	ug/l	98
89) n-Butylbenzene	12.37	91	432491	18.490	ug/l	99
90) Hexachloroethane	12.58	117	89136	17.678	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	240451	17.398	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41694	15.625	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162002	17.578	ug/l	99
94) Hexachlorobutadiene	13.77	225	62198	17.110	ug/l	95
95) Naphthalene	13.82	128	519255	17.120	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160431	17.617	ug/l	98

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

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