

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017063.D
 Acq On : 30 Jun 2020 23:13
 Operator : JC/SP
 Sample : VX0630WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:48:57 AM

Quant Time: Jul 01 08:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	257991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163785	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	5.46	113	133057	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	484929	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.12	95	188631	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48652	19.493	ug/l	100
3) Chloromethane	1.32	50	52665	17.432	ug/l	98
4) Vinyl Chloride	1.39	62	52295	18.656	ug/l	97
5) Bromomethane	1.63	94	34882	23.554	ug/l	100
6) Chloroethane	1.71	64	31523	19.041	ug/l	99
7) Trichlorofluoromethane	1.92	101	82247	19.839	ug/l	99
8) Diethyl Ether	2.17	74	29074	21.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47895	19.276	ug/l	98
10) Methyl Iodide	2.50	142	51040	15.920	ug/l	98
11) Tert butyl alcohol	3.01	59	59805	98.567	ug/l	100
12) 1,1-Dichloroethene	2.35	96	49048	19.216	ug/l	94
13) Acrolein	2.28	56	28501	78.580	ug/l	99
14) Allyl chloride	2.71	41	85521	18.130	ug/l	98
15) Acrylonitrile	3.12	53	142941	97.999	ug/l	100
16) Acetone	2.42	43	119124	100.121	ug/l	99
17) Carbon Disulfide	2.55	76	141439	19.871	ug/l	99
18) Methyl Acetate	2.75	43	61608	19.835	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	167517	19.555	ug/l	98
20) Methylene Chloride	2.84	84	57881	20.754	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55709	19.667	ug/l	99
22) Diisopropyl ether	3.82	45	171771	19.674	ug/l	94
23) Vinyl Acetate	3.79	43	748184	99.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96112	19.347	ug/l	99
25) 2-Butanone	4.63	43	195408	98.566	ug/l	99
26) 2,2-Dichloropropane	4.56	77	69362	15.725	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	60111	18.729	ug/l	98
28) Bromochloromethane	4.98	49	43316	17.919	ug/l	99
29) Tetrahydrofuran	5.09	42	126333	96.446	ug/l	98
30) Chloroform	5.18	83	100881	19.810	ug/l	99
31) Cyclohexane	5.56	56	82384	19.186	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	90022	19.195	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72390	18.730	ug/l	99
37) Ethyl Acetate	4.79	43	76700	19.559	ug/l	99
38) Carbon Tetrachloride	5.76	117	83042	19.507	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78977	18.366	ug/l	99
40) Benzene	6.11	78	218945	19.280	ug/l	99
41) Methacrylonitrile	5.01	41	42228	19.133	ug/l	98
42) 1,2-Dichloroethane	6.17	62	81357	19.834	ug/l	99
43) Isopropyl Acetate	6.42	43	122535	18.804	ug/l	100
44) Trichloroethene	7.19	130	62846	19.869	ug/l	91
45) 1,2-Dichloropropane	7.49	63	57147	19.593	ug/l	99
46) Dibromomethane	7.64	93	38986	19.578	ug/l	98
47) Bromodichloromethane	7.88	83	79896	19.469	ug/l	98
48) Methyl methacrylate	7.74	41	60779	19.632	ug/l	98
49) 1,4-Dioxane	7.71	88	26614	379.464	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	389820	100.357	ug/l	99
52) Toluene	8.76	92	137320	19.368	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83666	18.479	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	90207	18.585	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56931	19.653	ug/l	96
56) Ethyl methacrylate	9.16	69	79595	19.305	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94426	19.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	206958	100.857	ug/l	99
59) 2-Hexanone	9.48	43	289137	101.921	ug/l	99
60) Dibromochloromethane	9.57	129	66524	19.772	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60907	19.561	ug/l	98
64) Tetrachloroethene	9.32	164	59730	19.208	ug/l	96
65) Chlorobenzene	10.12	112	151434	19.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59916	19.550	ug/l	99
67) Ethyl Benzene	10.24	91	256056	19.280	ug/l	98
68) m/p-Xylenes	10.34	106	199067	39.037	ug/l	97
69) o-Xylene	10.68	106	94604	19.502	ug/l	99
70) Styrene	10.69	104	166229	20.123	ug/l	100
71) Bromoform	10.84	173	48575	19.987	ug/l	100
73) Isopropylbenzene	11.00	105	255974	19.355	ug/l	99
74) N-amyl acetate	10.88	43	106792	18.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80242	19.289	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	77482m	19.515	ug/l	
77) Bromobenzene	11.24	156	70043	19.270	ug/l	98
78) n-propylbenzene	11.34	91	285705	19.104	ug/l	100
79) 2-Chlorotoluene	11.40	91	176779	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	212930	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27049	17.643	ug/l	95
82) 4-Chlorotoluene	11.49	91	210312	19.437	ug/l	100
83) tert-Butylbenzene	11.76	119	206488	19.175	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	219230	19.699	ug/l	99
85) sec-Butylbenzene	11.93	105	238660	18.854	ug/l	99
86) p-Isopropyltoluene	12.05	119	227391	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123993	18.783	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	122931	19.630	ug/l	97
89) n-Butylbenzene	12.37	91	187188	17.791	ug/l	99
90) Hexachloroethane	12.58	117	45621	19.632	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	118645	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18479	18.621	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77324	18.359	ug/l	99
94) Hexachlorobutadiene	13.77	225	29731	19.130	ug/l	98
95) Naphthalene	13.82	128	246065	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	77545	19.025	ug/l	99

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

