

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016601.D
 Acq On : 05 Jun 2020 11:22
 Operator : JC/SP
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 4:55:41 PM

Quant Time: Jun 06 06:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	233391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	346826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	322228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160010	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139929	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.46	113	110271	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.70	98	422850	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.12	95	157474	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	41046	17.871	ug/l	100
3) Chloromethane	1.31	50	46168	16.633	ug/l	99
4) Vinyl Chloride	1.39	62	49750	16.949	ug/l	98
5) Bromomethane	1.62	94	32397	22.700	ug/l	97
6) Chloroethane	1.71	64	30896	18.044	ug/l	99
7) Trichlorofluoromethane	1.92	101	74039	19.207	ug/l	96
8) Diethyl Ether	2.17	74	29577	18.400	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	41448	19.536	ug/l	98
10) Methyl Iodide	2.49	142	39107	17.541	ug/l	99
11) Tert butyl alcohol	3.00	59	62518	84.115	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41019	18.265	ug/l	97
13) Acrolein	2.27	56	32378	102.408	ug/l	100
14) Allyl chloride	2.70	41	68097	16.488	ug/l	96
15) Acrylonitrile	3.11	53	132143	86.794	ug/l	99
16) Acetone	2.42	43	108621	85.538	ug/l	100
17) Carbon Disulfide	2.55	76	110338	16.545	ug/l	100
18) Methyl Acetate	2.75	43	58909	18.087	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	150877	18.710	ug/l	97
20) Methylene Chloride	2.83	84	47175	17.956	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	44882	18.068	ug/l	92
22) Diisopropyl ether	3.82	45	135438	17.071	ug/l	90
23) Vinyl Acetate	3.78	43	591558	85.183	ug/l	98
24) 1,1-Dichloroethane	3.67	63	81232	18.140	ug/l	99
25) 2-Butanone	4.63	43	178171	82.804	ug/l	93
26) 2,2-Dichloropropane	4.54	77	73255	19.992	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52251	18.183	ug/l	100
28) Bromochloromethane	4.98	49	36121	17.358	ug/l	88
29) Tetrahydrofuran	5.09	42	115257	82.912	ug/l	94
30) Chloroform	5.17	83	85040	18.847	ug/l	98
31) Cyclohexane	5.55	56	65097	16.159	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	78188	19.141	ug/l	98
36) 1,1-Dichloropropene	5.77	75	59283	18.053	ug/l	97
37) Ethyl Acetate	4.79	43	67761	17.187	ug/l	96
38) Carbon Tetrachloride	5.75	117	68820	19.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	67490	18.922	ug/l	96
40) Benzene	6.11	78	185303	18.949	ug/l	100
41) Methacrylonitrile	5.00	41	37296	17.223	ug/l	96
42) 1,2-Dichloroethane	6.16	62	68439	19.680	ug/l	100
43) Isopropyl Acetate	6.41	43	106105	17.254	ug/l	97
44) Trichloroethene	7.19	130	60001	19.339	ug/l	97
45) 1,2-Dichloropropane	7.49	63	46518	18.686	ug/l	99
46) Dibromomethane	7.63	93	32534	19.457	ug/l	98
47) Bromodichloromethane	7.87	83	68681	19.837	ug/l	98
48) Methyl methacrylate	7.74	41	51464	17.479	ug/l	96
49) 1,4-Dioxane	7.71	88	25626	371.896	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	346642	90.529	ug/l	98
52) Toluene	8.76	92	119927	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	75632	19.211	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	81038	19.447	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	48221	19.667	ug/l	97
56) Ethyl methacrylate	9.16	69	74247	18.594	ug/l	97
57) 1,3-Dichloropropane	9.35	76	81769	19.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	183834	88.202	ug/l	96
59) 2-Hexanone	9.47	43	263159	88.376	ug/l	98
60) Dibromochloromethane	9.56	129	56431	20.452	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50990	19.421	ug/l	96
64) Tetrachloroethene	9.32	164	69856	19.377	ug/l	97
65) Chlorobenzene	10.12	112	128174	19.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	51509	20.540	ug/l	99
67) Ethyl Benzene	10.23	91	221884	18.971	ug/l	99
68) m/p-Xylenes	10.34	106	170814	39.389	ug/l	98
69) o-Xylene	10.68	106	80282	19.116	ug/l	98
70) Styrene	10.70	104	139338	19.302	ug/l	99
71) Bromoform	10.84	173	42527	20.066	ug/l #	98
73) Isopropylbenzene	11.00	105	215597	19.446	ug/l	98
74) N-amyl acetate	10.88	43	88021	17.260	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53922	19.406	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	70142m	19.943	ug/l	
77) Bromobenzene	11.24	156	57345	19.721	ug/l	95
78) n-propylbenzene	11.34	91	239937	19.371	ug/l	98
79) 2-Chlorotoluene	11.40	91	146848	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	184575	19.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25907	18.119	ug/l	98
82) 4-Chlorotoluene	11.49	91	172733	19.347	ug/l	99
83) tert-Butylbenzene	11.76	119	154808	19.571	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	184103	19.665	ug/l	99
85) sec-Butylbenzene	11.93	105	198991	20.054	ug/l	100
86) p-Isopropyltoluene	12.05	119	185434	19.950	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97451	19.344	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	102350	19.865	ug/l	98
89) n-Butylbenzene	12.37	91	152135	19.650	ug/l	98
90) Hexachloroethane	12.58	117	31901	19.870	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	96233	19.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16515	18.350	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	67621	20.861	ug/l	97
94) Hexachlorobutadiene	13.77	225	32168	25.275	ug/l	95
95) Naphthalene	13.82	128	211953	19.073	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	66757	21.021	ug/l	99

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

