

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016600.D
 Acq On : 05 Jun 2020 10:49
 Operator : JC/SP
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 4:55:39 PM

Quant Time: Jun 06 06:11:34 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	5.63	168	241540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	361389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	338182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142466	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.46	113	113569	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.70	98	440525	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.12	95	161846	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42589	17.917	ug/l	98
3) Chloromethane	1.31	50	47652	16.589	ug/l	99
4) Vinyl Chloride	1.39	62	51513	16.957	ug/l	100
5) Bromomethane	1.62	94	33868	22.930	ug/l	99
6) Chloroethane	1.71	64	31953	18.032	ug/l	99
7) Trichlorofluoromethane	1.92	101	78503	19.677	ug/l	97
8) Diethyl Ether	2.17	74	28880	17.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43272	19.708	ug/l	99
10) Methyl Iodide	2.49	142	39138	17.063	ug/l	99
11) Tert butyl alcohol	3.01	59	62628	81.420	ug/l	100
12) 1,1-Dichloroethene	2.36	96	42798	18.415	ug/l	93
13) Acrolein	2.27	56	33047	100.998	ug/l	95
14) Allyl chloride	2.70	41	69816	16.334	ug/l	95
15) Acrylonitrile	3.11	53	133696	84.852	ug/l	98
16) Acetone	2.42	43	112823	85.849	ug/l	99
17) Carbon Disulfide	2.55	76	114288	16.559	ug/l	99
18) Methyl Acetate	2.75	43	59135	17.544	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	152443	18.266	ug/l	97
20) Methylene Chloride	2.83	84	48977	18.013	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	46380	18.041	ug/l	93
22) Diisopropyl ether	3.82	45	138371	16.852	ug/l	92
23) Vinyl Acetate	3.78	43	602726	83.863	ug/l	98
24) 1,1-Dichloroethane	3.67	63	82355	17.770	ug/l	99
25) 2-Butanone	4.63	43	180402	81.012	ug/l	96
26) 2,2-Dichloropropane	4.55	77	78149	20.608	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	54095	18.189	ug/l	98
28) Bromochloromethane	4.98	49	36378	16.892	ug/l	88
29) Tetrahydrofuran	5.09	42	115031	79.957	ug/l	93
30) Chloroform	5.17	83	88835	19.024	ug/l	96
31) Cyclohexane	5.54	56	69267	16.614	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	81158	19.197	ug/l	99
36) 1,1-Dichloropropene	5.77	75	62326	18.215	ug/l	97
37) Ethyl Acetate	4.79	43	68575	16.693	ug/l	97
38) Carbon Tetrachloride	5.75	117	72255	20.094	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	70674	19.016	ug/l	98
40) Benzene	6.11	78	190946	18.739	ug/l	99
41) Methacrylonitrile	5.00	41	37882	16.788	ug/l	97
42) 1,2-Dichloroethane	6.16	62	69041	19.053	ug/l	98
43) Isopropyl Acetate	6.41	43	108911	16.997	ug/l	98
44) Trichloroethene	7.19	130	62212	19.243	ug/l	99
45) 1,2-Dichloropropane	7.49	63	48585	18.729	ug/l	98
46) Dibromomethane	7.63	93	32845	18.851	ug/l	95
47) Bromodichloromethane	7.87	83	69488	19.261	ug/l	100
48) Methyl methacrylate	7.74	41	51904	16.918	ug/l	96
49) 1,4-Dioxane	7.71	88	25315	352.578	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	348984	87.468	ug/l	98
52) Toluene	8.76	92	124182	19.327	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	78836	19.218	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	82028	18.891	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50444	19.745	ug/l	95
56) Ethyl methacrylate	9.16	69	75252	18.086	ug/l	97
57) 1,3-Dichloropropane	9.35	76	83996	19.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	185003	85.186	ug/l	96
59) 2-Hexanone	9.47	43	267409	86.185	ug/l	98
60) Dibromochloromethane	9.56	129	57803	20.105	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52813	19.304	ug/l	99
64) Tetrachloroethene	9.32	164	73419	19.405	ug/l	97
65) Chlorobenzene	10.12	112	132514	19.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52704	20.025	ug/l	97
67) Ethyl Benzene	10.24	91	230457	18.774	ug/l	99
68) m/p-Xylenes	10.34	106	174763	38.398	ug/l	100
69) o-Xylene	10.68	106	83411	18.924	ug/l	98
70) Styrene	10.70	104	143595	18.953	ug/l	100
71) Bromoform	10.84	173	43589	19.597	ug/l #	99
73) Isopropylbenzene	11.00	105	225227	19.464	ug/l	100
74) N-amyl acetate	10.88	43	90903	17.079	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	54804	18.897	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	58499m	15.936	ug/l	
77) Bromobenzene	11.24	156	58756	19.359	ug/l	96
78) n-propylbenzene	11.34	91	246293	19.051	ug/l	99
79) 2-Chlorotoluene	11.40	91	152121	19.277	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	187399	19.395	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	26628	17.843	ug/l	97
82) 4-Chlorotoluene	11.49	91	178877	19.195	ug/l	99
83) tert-Butylbenzene	11.76	119	160430	19.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	183189	18.747	ug/l	97
85) sec-Butylbenzene	11.93	105	200708	19.380	ug/l	99
86) p-Isopropyltoluene	12.05	119	188686	19.449	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101446	19.293	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	103906	19.322	ug/l	99
89) n-Butylbenzene	12.37	91	159115	19.691	ug/l	98
90) Hexachloroethane	12.58	117	32881	19.622	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	99703	19.571	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16632	17.706	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	66722	19.721	ug/l	100
94) Hexachlorobutadiene	13.76	225	30914	23.272	ug/l	98
95) Naphthalene	13.82	128	218605	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	67141	20.256	ug/l	98

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

