

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016547.D
 Acq On : 02 Jun 2020 11:23
 Operator : JC/SP
 Sample : VX0602WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0602WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:34 AM

Quant Time: Jun 03 04:24:58 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	359238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	555822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	512699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	205815	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.46	113	164399	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.70	98	653752	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.12	95	240717	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61702	17.453	ug/l	98
3) Chloromethane	1.31	50	73003	17.088	ug/l	99
4) Vinyl Chloride	1.39	62	79436	17.582	ug/l	98
5) Bromomethane	1.63	94	48835	22.230	ug/l	99
6) Chloroethane	1.71	64	49520	18.790	ug/l	98
7) Trichlorofluoromethane	1.92	101	105098	17.713	ug/l	98
8) Diethyl Ether	2.17	74	44632	18.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59862	18.331	ug/l	99
10) Methyl Iodide	2.49	142	51050	15.340	ug/l	98
11) Tert butyl alcohol	3.01	59	89498	78.232	ug/l	100
12) 1,1-Dichloroethene	2.36	96	61573	17.813	ug/l	99
13) Acrolein	2.27	56	51443	105.709	ug/l	95
14) Allyl chloride	2.70	41	115066	18.101	ug/l	97
15) Acrylonitrile	3.11	53	202863	86.567	ug/l	98
16) Acetone	2.42	43	174727	89.393	ug/l	99
17) Carbon Disulfide	2.55	76	178441	17.384	ug/l	100
18) Methyl Acetate	2.75	43	89455	17.844	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	223244	17.986	ug/l	98
20) Methylene Chloride	2.83	84	71529	17.688	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	68206	17.839	ug/l	96
22) Diisopropyl ether	3.82	45	220821	18.082	ug/l	90
23) Vinyl Acetate	3.78	43	957041	89.534	ug/l	98
24) 1,1-Dichloroethane	3.67	63	124933	18.126	ug/l	99
25) 2-Butanone	4.63	43	277847	83.892	ug/l	99
26) 2,2-Dichloropropane	4.55	77	110270	19.551	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	77330	17.483	ug/l	99
28) Bromochloromethane	4.98	49	57920	18.083	ug/l	97
29) Tetrahydrofuran	5.09	42	184148	86.063	ug/l	99
30) Chloroform	5.17	83	122929	17.700	ug/l	99
31) Cyclohexane	5.54	56	108200	17.449	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	110020	17.498	ug/l	99
36) 1,1-Dichloropropene	5.77	75	93062	17.684	ug/l	99
37) Ethyl Acetate	4.79	43	108629	17.193	ug/l	100
38) Carbon Tetrachloride	5.75	117	95776	17.318	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	108365	18.958	ug/l	99
40) Benzene	6.11	78	282404	18.020	ug/l	98
41) Methacrylonitrile	5.00	41	57287	16.507	ug/l	96
42) 1,2-Dichloroethane	6.16	62	96677	17.347	ug/l	99
43) Isopropyl Acetate	6.41	43	171258	17.377	ug/l	99
44) Trichloroethene	7.19	130	87877	17.673	ug/l	98
45) 1,2-Dichloropropane	7.49	63	72663	18.213	ug/l	97
46) Dibromomethane	7.63	93	46563	17.376	ug/l	98
47) Bromodichloromethane	7.87	83	96047	17.310	ug/l	99
48) Methyl methacrylate	7.74	41	80648	17.091	ug/l	98
49) 1,4-Dioxane	7.71	88	33596	304.232	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	538084	87.686	ug/l	99
52) Toluene	8.76	92	179890	18.203	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	114074	18.080	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	121347	18.171	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	69777	17.758	ug/l	97
56) Ethyl methacrylate	9.16	69	112346	17.556	ug/l	98
57) 1,3-Dichloropropane	9.35	76	121981	18.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	298447	89.350	ug/l	99
59) 2-Hexanone	9.47	43	408875	85.681	ug/l	99
60) Dibromochloromethane	9.57	129	76169	17.226	ug/l	98
61) 1,2-Dibromoethane	9.65	107	73926	17.569	ug/l	100
64) Tetrachloroethene	9.32	164	98800	17.225	ug/l	99
65) Chlorobenzene	10.12	112	190966	18.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	71184	17.841	ug/l	98
67) Ethyl Benzene	10.23	91	331315	17.803	ug/l	99
68) m/p-Xylenes	10.34	106	250253	36.268	ug/l	100
69) o-Xylene	10.68	106	120216	17.990	ug/l	97
70) Styrene	10.70	104	202836	17.659	ug/l	99
71) Bromoform	10.84	173	57538	17.063	ug/l #	99
73) Isopropylbenzene	11.00	105	317221	18.714	ug/l	100
74) N-amyl acetate	10.88	43	143436	18.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80076	18.850	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	100052m	18.606	ug/l	
77) Bromobenzene	11.24	156	80731	18.159	ug/l	100
78) n-propylbenzene	11.34	91	352366	18.607	ug/l	100
79) 2-Chlorotoluene	11.40	91	215681	18.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	265836	18.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	38758	17.730	ug/l	98
82) 4-Chlorotoluene	11.49	91	250766	18.371	ug/l	99
83) tert-Butylbenzene	11.76	119	232235	19.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	263981	18.443	ug/l	100
85) sec-Butylbenzene	11.93	105	291905	19.241	ug/l	100
86) p-Isopropyltoluene	12.05	119	275018	19.352	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	141757	18.404	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	142356	18.071	ug/l	98
89) n-Butylbenzene	12.37	91	230821	19.500	ug/l	99
90) Hexachloroethane	12.58	117	45130	18.385	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	138819	18.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23101	16.788	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	93134	18.792	ug/l	100
94) Hexachlorobutadiene	13.76	225	39100	20.094	ug/l	98
95) Naphthalene	13.82	128	302473	17.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	92225	18.994	ug/l	98

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

