

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016559.D
 Acq On : 03 Jun 2020 11:39
 Operator : JC/SP
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:46 PM

Quant Time: Jun 04 08:48:48 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	285820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164213	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.47	113	130178	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.70	98	512528	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.12	95	190487	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50552	17.972	ug/l	98
3) Chloromethane	1.31	50	58047	17.077	ug/l	100
4) Vinyl Chloride	1.39	62	60765	16.904	ug/l	100
5) Bromomethane	1.63	94	38439	21.993	ug/l	97
6) Chloroethane	1.72	64	37168	17.725	ug/l	100
7) Trichlorofluoromethane	1.92	101	86689	18.363	ug/l	98
8) Diethyl Ether	2.17	74	34657	17.606	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48286	18.584	ug/l	100
10) Methyl Iodide	2.49	142	45548	16.832	ug/l	99
11) Tert butyl alcohol	3.00	59	66304	72.845	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49481	17.992	ug/l	97
13) Acrolein	2.27	56	42335	109.339	ug/l	98
14) Allyl chloride	2.71	41	85150	16.835	ug/l	98
15) Acrylonitrile	3.11	53	152336	81.703	ug/l	99
16) Acetone	2.42	43	130764	84.086	ug/l	99
17) Carbon Disulfide	2.55	76	135778	16.625	ug/l	100
18) Methyl Acetate	2.75	43	68917	17.279	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	175314	17.752	ug/l	96
20) Methylene Chloride	2.83	84	56263	17.487	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53665	17.641	ug/l	93
22) Diisopropyl ether	3.82	45	166655	17.152	ug/l	90
23) Vinyl Acetate	3.78	43	717901	84.413	ug/l	100
24) 1,1-Dichloroethane	3.67	63	95894	17.486	ug/l	100
25) 2-Butanone	4.63	43	204990	77.792	ug/l	98
26) 2,2-Dichloropropane	4.55	77	88579	19.739	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61637	17.514	ug/l	99
28) Bromochloromethane	4.98	49	45401	17.815	ug/l	93
29) Tetrahydrofuran	5.09	42	133571	78.461	ug/l	96
30) Chloroform	5.17	83	97160	17.583	ug/l	95
31) Cyclohexane	5.54	56	82618	16.746	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	88936	17.778	ug/l	100
36) 1,1-Dichloropropene	5.76	75	73680	17.934	ug/l	97
37) Ethyl Acetate	4.79	43	80050	16.229	ug/l	98
38) Carbon Tetrachloride	5.76	117	79481	18.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82816	18.559	ug/l	98
40) Benzene	6.11	78	222289	18.169	ug/l	99
41) Methacrylonitrile	5.00	41	43798	16.166	ug/l	97
42) 1,2-Dichloroethane	6.16	62	77196	17.742	ug/l	98
43) Isopropyl Acetate	6.41	43	126855	16.488	ug/l	98
44) Trichloroethene	7.19	130	69821	17.987	ug/l	99
45) 1,2-Dichloropropane	7.49	63	56796	18.235	ug/l	94
46) Dibromomethane	7.63	93	36859	17.619	ug/l	98
47) Bromodichloromethane	7.87	83	77469	17.884	ug/l	99
48) Methyl methacrylate	7.74	41	60519	16.429	ug/l	97
49) 1,4-Dioxane	7.71	88	25471	295.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400764	83.657	ug/l	98
52) Toluene	8.76	92	141808	18.381	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	88636	17.995	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	96639	18.536	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56489	18.415	ug/l	96
56) Ethyl methacrylate	9.16	69	89325	17.880	ug/l	97
57) 1,3-Dichloropropane	9.35	76	95780	18.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234461	89.914	ug/l	99
59) 2-Hexanone	9.47	43	308355	82.770	ug/l	99
60) Dibromochloromethane	9.56	129	64066	18.559	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59066	17.981	ug/l	99
64) Tetrachloroethene	9.32	164	81554	18.262	ug/l	99
65) Chlorobenzene	10.12	112	150283	18.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	58019	18.677	ug/l	100
67) Ethyl Benzene	10.23	91	263457	18.184	ug/l	100
68) m/p-Xylenes	10.34	106	200728	37.366	ug/l	98
69) o-Xylene	10.68	106	95371	18.332	ug/l	99
70) Styrene	10.70	104	163970	18.336	ug/l	99
71) Bromoform	10.84	173	46632	17.762	ug/l #	99
73) Isopropylbenzene	11.00	105	257264	19.465	ug/l	100
74) N-amyl acetate	10.88	43	105703	17.387	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	61044	18.429	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	77804m	18.556	ug/l	
77) Bromobenzene	11.24	156	65456	18.882	ug/l	97
78) n-propylbenzene	11.34	91	284701	19.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	171426	19.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	214369	19.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	30472	17.877	ug/l	97
82) 4-Chlorotoluene	11.49	91	203178	19.089	ug/l	100
83) tert-Butylbenzene	11.76	119	186125	19.738	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	217398	19.479	ug/l	100
85) sec-Butylbenzene	11.93	105	233195	19.713	ug/l	100
86) p-Isopropyltoluene	12.05	119	222184	20.051	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113937	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115674	18.832	ug/l	99
89) n-Butylbenzene	12.37	91	177707	19.254	ug/l	98
90) Hexachloroethane	12.58	117	35534	18.565	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	109492	18.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18212	16.974	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76314	19.748	ug/l	98
94) Hexachlorobutadiene	13.77	225	34869	22.982	ug/l	98
95) Naphthalene	13.82	128	238313	17.989	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	75526	19.949	ug/l	99

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

