

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016654.D
 Acq On : 09 Jun 2020 10:59
 Operator : JC/SP
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Quant Time: Jun 10 04:29:06 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	239242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	352435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	326960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143334	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.46	113	116452	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.70	98	443168	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	167017	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40252	17.096	ug/l	99
3) Chloromethane	1.31	50	44810	15.749	ug/l	97
4) Vinyl Chloride	1.39	62	49726	16.526	ug/l	100
5) Bromomethane	1.62	94	34173	23.358	ug/l	96
6) Chloroethane	1.71	64	31222	17.789	ug/l	98
7) Trichlorofluoromethane	1.92	101	79086	20.014	ug/l	98
8) Diethyl Ether	2.17	74	29030	17.618	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43157	19.844	ug/l	98
10) Methyl Iodide	2.49	142	41062	17.893	ug/l	98
11) Tert butyl alcohol	3.01	59	63451	83.283	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41745	18.134	ug/l	93
13) Acrolein	2.27	56	24953	76.993	ug/l	98
14) Allyl chloride	2.70	41	67719	15.996	ug/l	96
15) Acrylonitrile	3.11	53	129485	82.968	ug/l	100
16) Acetone	2.42	43	105144	80.775	ug/l	97
17) Carbon Disulfide	2.55	76	110225	16.124	ug/l	98
18) Methyl Acetate	2.75	43	57651	17.268	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	150627	18.222	ug/l	96
20) Methylene Chloride	2.83	84	47647	17.692	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	45132	17.725	ug/l	96
22) Diisopropyl ether	3.82	45	137232	16.874	ug/l	93
23) Vinyl Acetate	3.78	43	585773	82.287	ug/l	96
24) 1,1-Dichloroethane	3.67	63	81487	17.752	ug/l	99
25) 2-Butanone	4.63	43	174677	79.194	ug/l	97
26) 2,2-Dichloropropane	4.54	77	78451	20.886	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53169	18.049	ug/l	99
28) Bromochloromethane	4.98	49	34540	16.192	ug/l	83
29) Tetrahydrofuran	5.09	42	112766	79.136	ug/l	94
30) Chloroform	5.17	83	86415	18.684	ug/l	96
31) Cyclohexane	5.55	56	65513	15.864	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	80669	19.265	ug/l	98
36) 1,1-Dichloropropene	5.76	75	62279	18.664	ug/l	97
37) Ethyl Acetate	4.79	43	65699	16.399	ug/l	97
38) Carbon Tetrachloride	5.75	117	71775	20.468	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	67367	18.587	ug/l	97
40) Benzene	6.11	78	186912	18.810	ug/l	100
41) Methacrylonitrile	4.99	41	36806	16.726	ug/l	97
42) 1,2-Dichloroethane	6.16	62	68237	19.309	ug/l	99
43) Isopropyl Acetate	6.41	43	105612	16.901	ug/l	97
44) Trichloroethene	7.18	130	63227	20.054	ug/l	98
45) 1,2-Dichloropropane	7.49	63	46883	18.533	ug/l	99
46) Dibromomethane	7.64	93	33102	19.481	ug/l	97
47) Bromodichloromethane	7.87	83	69352	19.712	ug/l	96
48) Methyl methacrylate	7.74	41	49364	16.499	ug/l	95
49) 1,4-Dioxane	7.71	88	25887	369.705	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	330676	84.985	ug/l	97
52) Toluene	8.76	92	120805	19.279	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	77669	19.414	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	82002	19.365	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	50000	20.068	ug/l	95
56) Ethyl methacrylate	9.16	69	73065	18.007	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81328	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169127	79.854	ug/l	95
59) 2-Hexanone	9.47	43	255251	84.356	ug/l	98
60) Dibromochloromethane	9.56	129	57158	20.386	ug/l	98
61) 1,2-Dibromoethane	9.65	107	52621	19.723	ug/l	100
64) Tetrachloroethene	9.32	164	73168	20.002	ug/l	96
65) Chlorobenzene	10.12	112	131549	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51947	20.415	ug/l	99
67) Ethyl Benzene	10.23	91	224558	18.921	ug/l	99
68) m/p-Xylenes	10.34	106	174379	39.629	ug/l	97
69) o-Xylene	10.68	106	81681	19.167	ug/l	98
70) Styrene	10.70	104	142353	19.434	ug/l	100
71) Bromoform	10.84	173	44520	20.703	ug/l #	98
73) Isopropylbenzene	11.00	105	222855	19.566	ug/l	100
74) N-amyl acetate	10.88	43	84620	16.152	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54075	18.943	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	70504m	19.512	ug/l	
77) Bromobenzene	11.24	156	58968	19.739	ug/l	95
78) n-propylbenzene	11.34	91	242567	19.062	ug/l	98
79) 2-Chlorotoluene	11.40	91	150715	19.404	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	190983	20.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	27053	18.417	ug/l	96
82) 4-Chlorotoluene	11.49	91	177354	19.335	ug/l	99
83) tert-Butylbenzene	11.76	119	160089	19.700	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	185270	19.263	ug/l	99
85) sec-Butylbenzene	11.93	105	199868	19.606	ug/l	99
86) p-Isopropyltoluene	12.05	119	190553	19.955	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	102230	19.752	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	105115	19.858	ug/l	98
89) n-Butylbenzene	12.37	91	153564	19.307	ug/l	99
90) Hexachloroethane	12.58	117	34127	20.690	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	98633	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16883	18.259	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	64827	19.466	ug/l	97
94) Hexachlorobutadiene	13.77	225	32960	25.208	ug/l	97
95) Naphthalene	13.82	128	215758	18.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	68440	20.977	ug/l	98

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

