

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016694.D
 Acq On : 11 Jun 2020 11:25
 Operator : JC/SP
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:28 PM

Quant Time: Jun 12 07:07:44 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	5.63	168	232136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	314395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133641	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	5.46	113	107293	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.70	98	410250	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.12	95	152072	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	37478	16.406	ug/l	96
3) Chloromethane	1.31	50	40570	14.696	ug/l	99
4) Vinyl Chloride	1.39	62	46814	16.035	ug/l	97
5) Bromomethane	1.62	94	33408	23.535	ug/l	99
6) Chloroethane	1.71	64	30368	17.832	ug/l	96
7) Trichlorofluoromethane	1.92	101	75117	19.592	ug/l	97
8) Diethyl Ether	2.17	74	27945	17.479	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41989	19.898	ug/l	97
10) Methyl Iodide	2.49	142	41736	18.598	ug/l	98
11) Tert butyl alcohol	3.00	59	61377	83.026	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41556	18.605	ug/l	96
13) Acrolein	2.27	56	23173	73.690	ug/l	99
14) Allyl chloride	2.70	41	64218	15.633	ug/l	94
15) Acrylonitrile	3.11	53	124397	82.148	ug/l	100
16) Acetone	2.42	43	110459	87.455	ug/l	99
17) Carbon Disulfide	2.55	76	106474	16.052	ug/l	97
18) Methyl Acetate	2.75	43	57480	17.744	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	144980	18.076	ug/l	100
20) Methylene Chloride	2.83	84	46395	17.754	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	44577	18.042	ug/l	94
22) Diisopropyl ether	3.82	45	130464	16.533	ug/l	93
23) Vinyl Acetate	3.78	43	557494	80.712	ug/l	96
24) 1,1-Dichloroethane	3.67	63	78422	17.607	ug/l	99
25) 2-Butanone	4.63	43	170240	79.545	ug/l	98
26) 2,2-Dichloropropane	4.54	77	76158	20.896	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	50332	17.609	ug/l	98
28) Bromochloromethane	4.97	49	34827	16.827	ug/l	85
29) Tetrahydrofuran	5.09	42	106854	77.282	ug/l	92
30) Chloroform	5.17	83	84267	18.777	ug/l	100
31) Cyclohexane	5.54	56	62918	15.702	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	78783	19.390	ug/l	98
36) 1,1-Dichloropropene	5.76	75	58779	18.236	ug/l	96
37) Ethyl Acetate	4.79	43	63721	16.466	ug/l	98
38) Carbon Tetrachloride	5.75	117	70006	20.667	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	65177	18.616	ug/l	98
40) Benzene	6.11	78	180622	18.817	ug/l	99
41) Methacrylonitrile	5.00	41	35897	16.888	ug/l	97
42) 1,2-Dichloroethane	6.16	62	65627	19.225	ug/l	99
43) Isopropyl Acetate	6.41	43	99952	16.559	ug/l	97
44) Trichloroethene	7.19	130	60399	19.832	ug/l	94
45) 1,2-Dichloropropane	7.49	63	44606	18.254	ug/l	97
46) Dibromomethane	7.63	93	31475	19.177	ug/l	95
47) Bromodichloromethane	7.87	83	67302	19.803	ug/l	100
48) Methyl methacrylate	7.74	41	47452	16.418	ug/l	93
49) 1,4-Dioxane	7.71	88	24473	361.828	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	322772	85.877	ug/l	98
52) Toluene	8.76	92	116569	19.258	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	74181	19.196	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	78452	19.180	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	47749	19.840	ug/l	96
56) Ethyl methacrylate	9.16	69	69012	17.607	ug/l	98
57) 1,3-Dichloropropane	9.35	76	78496	19.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	166168	81.222	ug/l	94
59) 2-Hexanone	9.47	43	245758	84.081	ug/l	96
60) Dibromochloromethane	9.56	129	55768	20.591	ug/l	100
61) 1,2-Dibromoethane	9.65	107	50636	19.648	ug/l	100
64) Tetrachloroethene	9.32	164	71532	20.337	ug/l	95
65) Chlorobenzene	10.12	112	124678	19.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	50976	20.834	ug/l	99
67) Ethyl Benzene	10.23	91	215420	18.877	ug/l	97
68) m/p-Xylenes	10.34	106	162978	38.518	ug/l	99
69) o-Xylene	10.68	106	78174	19.077	ug/l	97
70) Styrene	10.70	104	138464	19.659	ug/l	99
71) Bromoform	10.84	173	43590	21.080	ug/l	100
73) Isopropylbenzene	11.00	105	214376	19.518	ug/l	99
74) N-amyl acetate	10.88	43	80769	15.987	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	53007	19.256	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	68152m	19.559	ug/l	
77) Bromobenzene	11.24	156	56845	19.732	ug/l	95
78) n-propylbenzene	11.34	91	232947	18.983	ug/l	99
79) 2-Chlorotoluene	11.40	91	143692	19.184	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	177978	19.406	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	25726	18.162	ug/l	98
82) 4-Chlorotoluene	11.49	91	173576	19.624	ug/l	99
83) tert-Butylbenzene	11.76	119	153317	19.565	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	179721	19.377	ug/l	99
85) sec-Butylbenzene	11.93	105	189556	19.283	ug/l	99
86) p-Isopropyltoluene	12.05	119	183887	19.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97843	19.604	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	97630	19.126	ug/l	97
89) n-Butylbenzene	12.37	91	145441	18.962	ug/l	99
90) Hexachloroethane	12.58	117	31960	20.093	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	96079	19.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16155	18.119	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	65546	20.410	ug/l	99
94) Hexachlorobutadiene	13.76	225	31820	25.236	ug/l	97
95) Naphthalene	13.82	128	206279	18.737	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	66704	21.201	ug/l	98

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

