

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016518.D
 Acq On : 01 Jun 2020 10:56
 Operator : JC/SP
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:35:01 AM

Quant Time: Jun 02 01:57:23 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	315014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181465	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	5.46	113	142649	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.70	98	569894	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.12	95	211867	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58283	18.800	ug/l	95
3) Chloromethane	1.31	50	68830	18.373	ug/l	98
4) Vinyl Chloride	1.39	62	73455	18.541	ug/l	99
5) Bromomethane	1.63	94	45387	23.561	ug/l	99
6) Chloroethane	1.72	64	45031	19.485	ug/l	97
7) Trichlorofluoromethane	1.92	101	99416	19.107	ug/l	99
8) Diethyl Ether	2.17	74	40380	18.612	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56346	19.677	ug/l	98
10) Methyl Iodide	2.49	142	55393	18.257	ug/l	99
11) Tert butyl alcohol	3.00	59	83317	83.053	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56879	18.765	ug/l	99
13) Acrolein	2.27	56	39604	92.806	ug/l	95
14) Allyl chloride	2.71	41	102468	18.382	ug/l	99
15) Acrylonitrile	3.11	53	181932	88.534	ug/l	98
16) Acetone	2.42	43	146055	85.215	ug/l	98
17) Carbon Disulfide	2.55	76	165392	18.374	ug/l	99
18) Methyl Acetate	2.75	43	79460	18.076	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	205319	18.864	ug/l	99
20) Methylene Chloride	2.83	84	66073	18.633	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	63383	18.905	ug/l	95
22) Diisopropyl ether	3.82	45	200914	18.762	ug/l	92
23) Vinyl Acetate	3.78	43	871350	92.961	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113793	18.827	ug/l	99
25) 2-Butanone	4.63	43	248004	85.394	ug/l	98
26) 2,2-Dichloropropane	4.54	77	105269	21.285	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71602	18.460	ug/l	98
28) Bromochloromethane	4.98	49	47810	17.022	ug/l	96
29) Tetrahydrofuran	5.09	42	166602	88.794	ug/l	98
30) Chloroform	5.17	83	114700	18.834	ug/l	98
31) Cyclohexane	5.54	56	99862	18.365	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	103639	18.797	ug/l	100
36) 1,1-Dichloropropene	5.77	75	87787	19.175	ug/l	99
37) Ethyl Acetate	4.79	43	96493	17.556	ug/l	98
38) Carbon Tetrachloride	5.75	117	91384	18.994	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99662	20.042	ug/l	96
40) Benzene	6.11	78	259848	19.060	ug/l	98
41) Methacrylonitrile	5.00	41	53405	17.689	ug/l	100
42) 1,2-Dichloroethane	6.16	62	91564	18.885	ug/l	100
43) Isopropyl Acetate	6.40	43	152139	17.746	ug/l	98
44) Trichloroethene	7.19	130	86851	20.078	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66607	19.191	ug/l	97
46) Dibromomethane	7.63	93	43213	18.537	ug/l	99
47) Bromodichloromethane	7.87	83	90708	18.792	ug/l	100
48) Methyl methacrylate	7.74	41	72463	17.653	ug/l	97
49) 1,4-Dioxane	7.71	88	32223	335.425	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	484551	90.768	ug/l	100
52) Toluene	8.76	92	169069	19.666	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	105392	19.202	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	112577	19.378	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64788	18.954	ug/l	96
56) Ethyl methacrylate	9.16	69	103847	18.654	ug/l	99
57) 1,3-Dichloropropane	9.35	76	110280	18.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243365	83.753	ug/l	98
59) 2-Hexanone	9.47	43	370489	89.245	ug/l	98
60) Dibromochloromethane	9.56	129	72348	18.808	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67115	18.335	ug/l	99
64) Tetrachloroethene	9.32	164	101408	20.729	ug/l	99
65) Chlorobenzene	10.12	112	174043	19.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	65687	19.303	ug/l	99
67) Ethyl Benzene	10.23	91	312958	19.718	ug/l	99
68) m/p-Xylenes	10.34	106	235340	39.992	ug/l	100
69) o-Xylene	10.68	106	112067	19.664	ug/l	98
70) Styrene	10.70	104	191411	19.540	ug/l	99
71) Bromoform	10.84	173	55130	19.170	ug/l #	98
73) Isopropylbenzene	11.00	105	300662	19.959	ug/l	100
74) N-amyl acetate	10.88	43	129701	18.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64446	17.070	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	93331m	19.530	ug/l	
77) Bromobenzene	11.24	156	77623	19.646	ug/l	98
78) n-propylbenzene	11.34	91	331400	19.691	ug/l	99
79) 2-Chlorotoluene	11.40	91	203124	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	252000	20.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36253	18.661	ug/l	96
82) 4-Chlorotoluene	11.49	91	239138	19.713	ug/l	99
83) tert-Butylbenzene	11.76	119	212960	19.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	254639	20.018	ug/l	100
85) sec-Butylbenzene	11.93	105	271039	20.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	256603	20.318	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134426	19.638	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	136707	19.528	ug/l	98
89) n-Butylbenzene	12.37	91	213275	20.274	ug/l	98
90) Hexachloroethane	12.58	117	43119	19.766	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	133009	20.056	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21446	17.538	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	85477	19.407	ug/l	98
94) Hexachlorobutadiene	13.76	225	39046	22.579	ug/l	95
95) Naphthalene	13.82	128	291711	19.320	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	85947	19.918	ug/l	98

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

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