

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009953.D
 Acq On : 30 May 2019 12:20
 Operator : JC/SP
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:23:47 AM

Quant Time: May 31 06:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	166637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110277	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.49	113	78219	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	325265	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	119264	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43646	21.434	ug/l	97
3) Chloromethane	1.32	50	52137	19.046	ug/l	99
4) Vinyl Chloride	1.41	62	47893	19.407	ug/l	99
5) Bromomethane	1.64	94	25217	16.866	ug/l	98
6) Chloroethane	1.72	64	27065	17.816	ug/l	98
7) Trichlorofluoromethane	1.93	101	52489	19.248	ug/l	99
8) Diethyl Ether	2.19	74	23039	17.978	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32166	19.537	ug/l	98
10) Methyl Iodide	2.51	142	34613	20.053	ug/l	99
11) Tert butyl alcohol	3.04	59	52425	90.499	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31181	18.477	ug/l	99
13) Acrolein	2.29	56	30777	89.724	ug/l	99
14) Allyl chloride	2.73	41	77529	18.902	ug/l	98
15) Acrylonitrile	3.14	53	124566	89.244	ug/l	99
16) Acetone	2.44	43	125801	92.499	ug/l	99
17) Carbon Disulfide	2.57	76	93418	18.525	ug/l	99
18) Methyl Acetate	2.77	43	57635	18.213	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	117159	18.389	ug/l	99
20) Methylene Chloride	2.85	84	37825	18.161	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	33498	17.840	ug/l	96
22) Diisopropyl ether	3.85	45	148959	19.087	ug/l	88
23) Vinyl Acetate	3.81	43	656043	93.574	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70524	18.647	ug/l	98
25) 2-Butanone	4.67	43	189266	89.323	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53276	18.622	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	38236	17.641	ug/l	99
28) Bromochloromethane	5.01	49	34127	17.388	ug/l	97
29) Tetrahydrofuran	5.12	42	121118	89.138	ug/l	100
30) Chloroform	5.21	83	63821	18.711	ug/l	99
31) Cyclohexane	5.57	56	71592	19.986	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53177	19.143	ug/l	99
36) 1,1-Dichloropropene	5.79	75	50152	19.227	ug/l	100
37) Ethyl Acetate	4.82	43	69118	19.017	ug/l	99
38) Carbon Tetrachloride	5.79	117	44696	19.829	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63164	20.414	ug/l	98
40) Benzene	6.14	78	150853	19.495	ug/l	99
41) Methacrylonitrile	5.03	41	39127	18.423	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55655	19.455	ug/l	99
43) Isopropyl Acetate	6.44	43	109805	18.724	ug/l	100
44) Trichloroethene	7.21	130	35897	19.099	ug/l	91
45) 1,2-Dichloropropane	7.51	63	42128	18.913	ug/l	99
46) Dibromomethane	7.66	93	24195	18.453	ug/l	98
47) Bromodichloromethane	7.90	83	48933	19.626	ug/l	97
48) Methyl methacrylate	7.77	41	55131	18.990	ug/l	99
49) 1,4-Dioxane	7.74	88	21198	392.549	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	353545	92.674	ug/l	99
52) Toluene	8.78	92	91895	19.560	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54950	18.377	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	60838	18.674	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36674	19.395	ug/l	99
56) Ethyl methacrylate	9.18	69	63634	18.902	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64162	18.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	170315	96.480	ug/l	99
59) 2-Hexanone	9.49	43	286244	97.457	ug/l	99
60) Dibromochloromethane	9.58	129	35269	18.961	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37106	19.101	ug/l	99
64) Tetrachloroethene	9.34	164	32984	20.043	ug/l	96
65) Chlorobenzene	10.13	112	95615	19.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33533	19.601	ug/l	100
67) Ethyl Benzene	10.25	91	178848	20.195	ug/l	99
68) m/p-Xylenes	10.35	106	129419	39.556	ug/l	99
69) o-Xylene	10.69	106	61687	19.659	ug/l	98
70) Styrene	10.71	104	108471	19.714	ug/l	99
71) Bromoform	10.85	173	26883	19.224	ug/l #	98
73) Isopropylbenzene	11.02	105	169399	19.717	ug/l	100
74) N-amyl acetate	10.90	43	96807	18.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60361	18.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54289m	19.496	ug/l	
77) Bromobenzene	11.26	156	41062	18.754	ug/l	100
78) n-propylbenzene	11.36	91	198693	20.064	ug/l	100
79) 2-Chlorotoluene	11.42	91	116162	19.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145205	20.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19418	17.253	ug/l	94
82) 4-Chlorotoluene	11.51	91	136203	19.337	ug/l	100
83) tert-Butylbenzene	11.77	119	135502	19.568	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145069	19.736	ug/l	100
85) sec-Butylbenzene	11.94	105	166585	20.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	150270	20.279	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74638	19.147	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74988	18.863	ug/l	99
89) n-Butylbenzene	12.38	91	139222	19.992	ug/l	100
90) Hexachloroethane	12.59	117	24792	19.496	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	74023	19.261	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13732	18.201	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53165	19.358	ug/l	98
94) Hexachlorobutadiene	13.78	225	27895	20.250	ug/l	98
95) Naphthalene	13.83	128	162856	19.055	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	53634	19.509	ug/l	100

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

