

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006912.D
 Acq On : 04 Jan 2019 14:45
 Operator : JC/MD
 Sample : VX0104WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 11:04:18 AM

Quant Time: Jan 04 22:36:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	548229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	805988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287330	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	262490	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.71	98	954469	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	340131	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76386	15.231	ug/l	95
3) Chloromethane	1.33	50	90030	16.662	ug/l	97
4) Vinyl Chloride	1.41	62	91452	16.206	ug/l	99
5) Bromomethane	1.64	94	97232	17.206	ug/l	96
6) Chloroethane	1.71	64	63303	16.201	ug/l	99
7) Trichlorofluoromethane	1.93	101	158695	18.037	ug/l	98
8) Diethyl Ether	2.19	74	63341	18.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97021	18.781	ug/l	99
10) Methyl Iodide	2.51	142	103340	13.975	ug/l	100
11) Tert butyl alcohol	3.07	59	131953	100.068	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84779	17.308	ug/l	96
13) Acrolein	2.29	56	72128	81.083	ug/l	98
14) Allyl chloride	2.73	41	149731	18.160	ug/l	98
15) Acrylonitrile	3.15	53	288250	98.454	ug/l	100
16) Acetone	2.45	43	252892	93.160	ug/l	100
17) Carbon Disulfide	2.57	76	167859	12.949	ug/l	97
18) Methyl Acetate	2.78	43	174844	21.904	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	324086	19.935	ug/l	97
20) Methylene Chloride	2.86	84	99609	17.745	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92335	17.013	ug/l	97
22) Diisopropyl ether	3.87	45	300139	19.898	ug/l	99
23) Vinyl Acetate	3.82	43	1183748	95.944	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162631	18.062	ug/l	99
25) 2-Butanone	4.70	43	364558	95.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	119406	17.167	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110981	18.534	ug/l	99
28) Bromochloromethane	5.02	49	77404	19.253	ug/l	98
29) Tetrahydrofuran	5.15	42	242070	96.253	ug/l	97
30) Chloroform	5.21	83	176478	18.927	ug/l	93
31) Cyclohexane	5.57	56	134702	16.467	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145239	18.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122482	18.348	ug/l	99
37) Ethyl Acetate	4.85	43	138966	20.001	ug/l	99
38) Carbon Tetrachloride	5.78	117	122317	18.854	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147016	16.728	ug/l	99
40) Benzene	6.14	78	380911	18.772	ug/l	97
41) Methacrylonitrile	5.06	41	79000	21.416	ug/l	97
42) 1,2-Dichloroethane	6.20	62	133100	19.250	ug/l	99
43) Isopropyl Acetate	6.46	43	218624	20.680	ug/l	98
44) Trichloroethene	7.21	130	112119	18.256	ug/l	97
45) 1,2-Dichloropropane	7.51	63	98222	19.892	ug/l	100
46) Dibromomethane	7.66	93	68432	18.841	ug/l	98
47) Bromodichloromethane	7.90	83	117161	19.430	ug/l	98
48) Methyl methacrylate	7.77	41	110938	20.636	ug/l	99
49) 1,4-Dioxane	7.75	88	53217	365.732	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	708698	105.361	ug/l	99
52) Toluene	8.78	92	251608	19.194	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	125783	19.450	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139071	19.598	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109725	20.449	ug/l	99
56) Ethyl methacrylate	9.18	69	152500	20.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	171029	19.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	389997	96.743	ug/l	100
59) 2-Hexanone	9.49	43	524421	101.899	ug/l	98
60) Dibromochloromethane	9.58	129	99241	19.186	ug/l	97
61) 1,2-Dibromoethane	9.67	107	112759	19.769	ug/l	99
64) Tetrachloroethene	9.34	164	112023	19.531	ug/l	98
65) Chlorobenzene	10.14	112	296554	19.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102270	21.390	ug/l	99
67) Ethyl Benzene	10.25	91	485330	19.381	ug/l	98
68) m/p-Xylenes	10.36	106	373477	37.797	ug/l	97
69) o-Xylene	10.70	106	189476	19.419	ug/l	100
70) Styrene	10.71	104	301185	19.511	ug/l	99
71) Bromoform	10.86	173	69905	19.223	ug/l #	99
73) Isopropylbenzene	11.02	105	503998	19.961	ug/l	100
74) N-amyl acetate	10.90	43	193025	21.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	156122	20.791	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	142068m	20.713	ug/l	
77) Bromobenzene	11.26	156	136026	19.927	ug/l	99
78) n-propylbenzene	11.36	91	555068	19.963	ug/l	99
79) 2-Chlorotoluene	11.42	91	329885	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412508	19.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33356	17.779	ug/l	86
82) 4-Chlorotoluene	11.51	91	372206	19.258	ug/l	99
83) tert-Butylbenzene	11.77	119	419342	20.147	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422298	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	501141	19.638	ug/l	100
86) p-Isopropyltoluene	12.06	119	449753	20.049	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241006	19.590	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242301	19.212	ug/l	98
89) n-Butylbenzene	12.39	91	377015	19.748	ug/l	98
90) Hexachloroethane	12.60	117	61655	19.698	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240360	19.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29402	18.923	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166975	19.669	ug/l	98
94) Hexachlorobutadiene	13.78	225	73114	18.273	ug/l	99
95) Naphthalene	13.83	128	507033	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162715	18.564	ug/l	100

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

