

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010554.D
 Acq On : 28 Jun 2019 23:34
 Operator : JC/SP
 Sample : VX0628WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:48 AM

Quant Time: Jun 29 06:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109160	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.50	113	105189	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	397545	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	141458	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28378	17.701	ug/l	99
3) Chloromethane	1.32	50	32993	17.674	ug/l	100
4) Vinyl Chloride	1.41	62	36464	17.833	ug/l	100
5) Bromomethane	1.64	94	23828	23.920	ug/l	98
6) Chloroethane	1.72	64	24545	20.347	ug/l	100
7) Trichlorofluoromethane	1.93	101	64797	19.991	ug/l	97
8) Diethyl Ether	2.19	74	23512	20.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37657	19.171	ug/l	100
10) Methyl Iodide	2.51	142	52640	18.778	ug/l	97
11) Tert butyl alcohol	3.04	59	57954	102.439	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37445	18.734	ug/l	97
13) Acrolein	2.29	56	31506	83.949	ug/l	98
14) Allyl chloride	2.73	41	52186	18.391	ug/l	99
15) Acrylonitrile	3.14	53	114293	102.038	ug/l	99
16) Acetone	2.44	43	92812	85.655	ug/l	100
17) Carbon Disulfide	2.57	76	80729	15.055	ug/l	99
18) Methyl Acetate	2.78	43	43881	20.319	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	125326	19.931	ug/l	99
20) Methylene Chloride	2.86	84	44688	20.040	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	40312	18.753	ug/l	96
22) Diisopropyl ether	3.85	45	119664	20.170	ug/l	99
23) Vinyl Acetate	3.82	43	499405	97.438	ug/l	100
24) 1,1-Dichloroethane	3.70	63	68135	19.868	ug/l	98
25) 2-Butanone	4.67	43	154153	96.985	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42479	14.259	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48287	19.438	ug/l	98
28) Bromochloromethane	5.01	49	28985	17.677	ug/l	100
29) Tetrahydrofuran	5.13	42	99554	101.120	ug/l	98
30) Chloroform	5.21	83	72259	19.583	ug/l	97
31) Cyclohexane	5.59	56	57590	18.441	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	63199	19.397	ug/l	98
36) 1,1-Dichloropropene	5.80	75	50020	17.899	ug/l	99
37) Ethyl Acetate	4.84	43	57068	19.850	ug/l	99
38) Carbon Tetrachloride	5.79	117	53446	17.661	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64232	17.486	ug/l	99
40) Benzene	6.14	78	168666	19.373	ug/l	99
41) Methacrylonitrile	5.04	41	30871	19.570	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54559	20.586	ug/l	99
43) Isopropyl Acetate	6.45	43	92270	19.398	ug/l	99
44) Trichloroethene	7.21	130	49296	18.922	ug/l	100
45) 1,2-Dichloropropane	7.51	63	42785	19.460	ug/l	97
46) Dibromomethane	7.66	93	30798	19.524	ug/l	96
47) Bromodichloromethane	7.90	83	52586	18.190	ug/l	99
48) Methyl methacrylate	7.77	41	43319	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	26322	413.277	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	308263	101.332	ug/l	99
52) Toluene	8.79	92	109259	19.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53306	16.447	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	61755	17.533	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47102	19.919	ug/l	98
56) Ethyl methacrylate	9.18	69	68251	19.053	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72298	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	159494	93.752	ug/l	100
59) 2-Hexanone	9.49	43	235593	98.399	ug/l	100
60) Dibromochloromethane	9.58	129	45861	17.322	ug/l	98
61) 1,2-Dibromoethane	9.67	107	47944	18.784	ug/l	99
64) Tetrachloroethene	9.34	164	53270	20.570	ug/l	98
65) Chlorobenzene	10.13	112	125122	19.248	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44081	18.617	ug/l	98
67) Ethyl Benzene	10.25	91	208587	19.007	ug/l	100
68) m/p-Xylenes	10.36	106	160858	37.830	ug/l	99
69) o-Xylene	10.69	106	79653	19.048	ug/l	100
70) Styrene	10.71	104	134062	19.117	ug/l	99
71) Bromoform	10.85	173	33776	16.404	ug/l #	100
73) Isopropylbenzene	11.02	105	212091	19.245	ug/l	99
74) N-amyl acetate	10.90	43	81912	19.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71903	19.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59485m	20.080	ug/l	
77) Bromobenzene	11.26	156	58533	19.022	ug/l	98
78) n-propylbenzene	11.36	91	226735	18.720	ug/l	100
79) 2-Chlorotoluene	11.42	91	137795	19.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173492	19.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16819	13.245	ug/l #	84
82) 4-Chlorotoluene	11.51	91	158128	19.268	ug/l	99
83) tert-Butylbenzene	11.77	119	170917	18.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	175275	19.203	ug/l	99
85) sec-Butylbenzene	11.94	105	204639	19.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	185775	18.760	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	99851	18.589	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100978	18.466	ug/l	99
89) n-Butylbenzene	12.38	91	152148	18.080	ug/l	99
90) Hexachloroethane	12.59	117	26957	15.743	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100244	18.778	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13570	17.245	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69520	18.778	ug/l	98
94) Hexachlorobutadiene	13.78	225	31819	17.586	ug/l	97
95) Naphthalene	13.83	128	218117	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70367	19.117	ug/l	100

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

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