

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012438.D
 Acq On : 17 Sep 2019 17:55
 Operator : JC/SP
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:28 AM

Quant Time: Sep 18 03:43:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	119186	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.48	113	84751	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	316227	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.14	95	127325	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22854	20.424	ug/l	99
3) Chloromethane	1.32	50	18542	19.879	ug/l	100
4) Vinyl Chloride	1.40	62	20565	20.399	ug/l	97
5) Bromomethane	1.63	94	10583	26.721	ug/l	95
6) Chloroethane	1.72	64	14601	18.508	ug/l	96
7) Trichlorofluoromethane	1.92	101	38738	20.962	ug/l	99
8) Diethyl Ether	2.17	74	16543	19.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27374	20.473	ug/l	99
10) Methyl Iodide	2.50	142	18835	19.399	ug/l	98
11) Tert butyl alcohol	3.03	59	58429	91.023	ug/l	96
12) 1,1-Dichloroethene	2.36	96	21626	20.275	ug/l	98
13) Acrolein	2.28	56	17003	78.481	ug/l	95
14) Allyl chloride	2.72	41	48800	19.651	ug/l	97
15) Acrylonitrile	3.12	53	100530	95.409	ug/l	99
16) Acetone	2.43	43	98902	83.724	ug/l	98
17) Carbon Disulfide	2.56	76	28535	20.039	ug/l	100
18) Methyl Acetate	2.76	43	49114	19.384	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	115756	19.904	ug/l	99
20) Methylene Chloride	2.84	84	28413	19.308	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	22702	20.496	ug/l	97
22) Diisopropyl ether	3.84	45	115906	19.934	ug/l	96
23) Vinyl Acetate	3.80	43	474629	99.232	ug/l	99
24) 1,1-Dichloroethane	3.69	63	56198	20.200	ug/l	99
25) 2-Butanone	4.65	43	149094	88.396	ug/l	96
26) 2,2-Dichloropropane	4.56	77	50587	18.489	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	32998	19.943	ug/l	98
28) Bromochloromethane	5.00	49	27874	19.435	ug/l	98
29) Tetrahydrofuran	5.12	42	89062	95.583	ug/l	100
30) Chloroform	5.20	83	62049	19.420	ug/l	94
31) Cyclohexane	5.56	56	35257	20.994	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	53449	20.015	ug/l	100
36) 1,1-Dichloropropene	5.78	75	34406	19.908	ug/l	97
37) Ethyl Acetate	4.81	43	53929	20.329	ug/l	98
38) Carbon Tetrachloride	5.77	117	41859	19.474	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	36059	21.463	ug/l	97
40) Benzene	6.13	78	111376	20.266	ug/l	98
41) Methacrylonitrile	5.03	41	32754	19.175	ug/l	97
42) 1,2-Dichloroethane	6.18	62	50793	19.927	ug/l	100
43) Isopropyl Acetate	6.43	43	91455	19.208	ug/l	99
44) Trichloroethene	7.20	130	28708	19.858	ug/l	93
45) 1,2-Dichloropropane	7.51	63	32623	19.322	ug/l	96
46) Dibromomethane	7.65	93	21489	19.668	ug/l	98
47) Bromodichloromethane	7.89	83	48209	19.816	ug/l	99
48) Methyl methacrylate	7.76	41	42527	18.948	ug/l	99
49) 1,4-Dioxane	7.73	88	20114	368.216	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	293628	94.038	ug/l	99
52) Toluene	8.78	92	71789	20.272	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49637	19.628	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	52068	19.888	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35325	19.362	ug/l	99
56) Ethyl methacrylate	9.17	69	55022	19.289	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57901	19.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	150097	101.654	ug/l	99
59) 2-Hexanone	9.48	43	225167	92.433	ug/l	100
60) Dibromochloromethane	9.57	129	36722	19.760	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34025	20.420	ug/l	98
64) Tetrachloroethene	9.33	164	24667	21.438	ug/l	96
65) Chlorobenzene	10.14	112	83853	20.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	35845	20.840	ug/l	98
67) Ethyl Benzene	10.25	91	147908	20.773	ug/l	99
68) m/p-Xylenes	10.36	106	109328	42.201	ug/l	99
69) o-Xylene	10.70	106	55422	20.802	ug/l	99
70) Styrene	10.71	104	97715	20.729	ug/l	99
71) Bromoform	10.85	173	24999	18.782	ug/l #	99
73) Isopropylbenzene	11.01	105	155876	20.305	ug/l	99
74) N-amyl acetate	10.89	43	80547	19.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57569	19.117	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57229m	20.363	ug/l	
77) Bromobenzene	11.25	156	37224	19.883	ug/l	99
78) n-propylbenzene	11.35	91	177418	20.736	ug/l	99
79) 2-Chlorotoluene	11.42	91	113077	20.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	137880	21.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16777	18.469	ug/l	91
82) 4-Chlorotoluene	11.51	91	133072	20.831	ug/l	98
83) tert-Butylbenzene	11.76	119	143992	20.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140968	20.971	ug/l	100
85) sec-Butylbenzene	11.94	105	161672	20.914	ug/l	99
86) p-Isopropyltoluene	12.06	119	147723	20.811	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	73054	20.744	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	73274	20.255	ug/l	99
89) n-Butylbenzene	12.39	91	127890	20.193	ug/l	99
90) Hexachloroethane	12.59	117	26039	20.006	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	72898	19.805	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14405	18.451	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48195	20.328	ug/l	99
94) Hexachlorobutadiene	13.78	225	22020	19.706	ug/l	97
95) Naphthalene	13.83	128	168172	19.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	49164	20.349	ug/l	98

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

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