

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092719\
 Data File : VX012691.D
 Acq On : 27 Sep 2019 12:05
 Operator : JC/SP
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 8:23:37 AM

Quant Time: Sep 28 04:19:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140187	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	5.48	113	106019	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	8.71	98	395068	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	152539	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	41530	20.026	ug/l	99
3) Chloromethane	1.32	50	47248	19.841	ug/l	99
4) Vinyl Chloride	1.40	62	48659	20.558	ug/l	98
5) Bromomethane	1.63	94	23678	25.443	ug/l	95
6) Chloroethane	1.72	64	31366	19.657	ug/l	96
7) Trichlorofluoromethane	1.92	101	65644	19.753	ug/l	100
8) Diethyl Ether	2.18	74	27720	20.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42020	20.760	ug/l	96
10) Methyl Iodide	2.50	142	34395	19.485	ug/l	94
11) Tert butyl alcohol	3.03	59	65415	97.551	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40808	20.589	ug/l	97
13) Acrolein	2.28	56	12260	41.710	ug/l	93
14) Allyl chloride	2.72	41	79967	20.336	ug/l	98
15) Acrylonitrile	3.13	53	139970	102.885	ug/l	99
16) Acetone	2.43	43	136115	95.731	ug/l	99
17) Carbon Disulfide	2.56	76	101608	18.287	ug/l	99
18) Methyl Acetate	2.76	43	67756	20.238	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	157073	20.937	ug/l	99
20) Methylene Chloride	2.84	84	49022	20.384	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	45181	20.576	ug/l	98
22) Diisopropyl ether	3.84	45	159099	20.939	ug/l	99
23) Vinyl Acetate	3.80	43	687398	103.162	ug/l	99
24) 1,1-Dichloroethane	3.69	63	85132	20.612	ug/l	97
25) 2-Butanone	4.66	43	201616	98.893	ug/l	98
26) 2,2-Dichloropropane	4.58	77	72414	19.713	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	52749	20.704	ug/l	96
28) Bromochloromethane	5.01	49	36406	24.276	ug/l	98
29) Tetrahydrofuran	5.12	42	128228	103.192	ug/l	98
30) Chloroform	5.20	83	87394	20.682	ug/l	99
31) Cyclohexane	5.57	56	76482	20.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	75742	20.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62930	20.170	ug/l	98
37) Ethyl Acetate	4.82	43	73993	20.286	ug/l	97
38) Carbon Tetrachloride	5.78	117	63344	19.987	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75336	20.058	ug/l	100
40) Benzene	6.14	78	189663	20.661	ug/l	98
41) Methacrylonitrile	5.03	41	42347	20.692	ug/l	95
42) 1,2-Dichloroethane	6.18	62	72995	20.940	ug/l	99
43) Isopropyl Acetate	6.43	43	123841	20.303	ug/l	99
44) Trichloroethene	7.21	130	47162	20.097	ug/l	93
45) 1,2-Dichloropropane	7.51	63	49614	21.110	ug/l	97
46) Dibromomethane	7.65	93	32324	20.201	ug/l	96
47) Bromodichloromethane	7.89	83	65244	20.401	ug/l	99
48) Methyl methacrylate	7.76	41	60222	20.590	ug/l	94
49) 1,4-Dioxane	7.73	88	25564	385.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	384164	102.028	ug/l	97
52) Toluene	8.78	92	118652	20.565	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69288	19.582	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	78617	20.349	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	47507	20.711	ug/l	97
56) Ethyl methacrylate	9.17	69	77915	20.219	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84161	20.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	188337	108.880	ug/l	98
59) 2-Hexanone	9.49	43	293472	101.826	ug/l	97
60) Dibromochloromethane	9.57	129	47139	20.301	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50611	21.201	ug/l	98
64) Tetrachloroethene	9.33	164	42740	21.144	ug/l	94
65) Chlorobenzene	10.14	112	121983	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	45078	20.379	ug/l	98
67) Ethyl Benzene	10.25	91	228840	20.667	ug/l	99
68) m/p-Xylenes	10.35	106	170777	41.171	ug/l	100
69) o-Xylene	10.70	106	82581	20.575	ug/l	98
70) Styrene	10.71	104	139257	20.696	ug/l	99
71) Bromoform	10.85	173	30582	19.855	ug/l #	97
73) Isopropylbenzene	11.01	105	223979	21.013	ug/l	99
74) N-amyl acetate	10.89	43	100538	19.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	73791	20.903	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72595m	20.970	ug/l	
77) Bromobenzene	11.25	156	49707	20.604	ug/l	96
78) n-propylbenzene	11.35	91	247018	20.584	ug/l	100
79) 2-Chlorotoluene	11.42	91	153909	20.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	186615	20.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22023	18.231	ug/l	96
82) 4-Chlorotoluene	11.51	91	176371	20.668	ug/l	98
83) tert-Butylbenzene	11.77	119	180550	20.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	189425	21.008	ug/l	98
85) sec-Butylbenzene	11.94	105	211518	21.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	190091	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88476	20.379	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89799	20.469	ug/l	98
89) n-Butylbenzene	12.39	91	158496	19.876	ug/l	100
90) Hexachloroethane	12.59	117	31723	19.663	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89409	20.571	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16906	19.145	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52862	19.943	ug/l	99
94) Hexachlorobutadiene	13.78	225	23962	21.013	ug/l	99
95) Naphthalene	13.83	128	195673	20.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	55567	20.927	ug/l	99

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

