

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011136.D
 Acq On : 29 Jul 2019 11:29
 Operator : JC/SP
 Sample : VX0729WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:08:58 AM

Quant Time: Jul 30 05:31:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104855	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	94916	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	8.71	98	355656	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.13	95	131616	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	37920	18.578	ug/l	98
3) Chloromethane	1.33	50	34018	18.964	ug/l	98
4) Vinyl Chloride	1.41	62	35456	19.378	ug/l	98
5) Bromomethane	1.64	94	21258	20.617	ug/l	98
6) Chloroethane	1.72	64	22603	19.439	ug/l	98
7) Trichlorofluoromethane	1.93	101	63322	20.445	ug/l	97
8) Diethyl Ether	2.19	74	20741	19.436	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36087	20.406	ug/l	97
10) Methyl Iodide	2.51	142	37121	15.996	ug/l	99
11) Tert butyl alcohol	3.04	59	44196	91.447	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33393	19.219	ug/l	97
13) Acrolein	2.29	56	14089	50.456	ug/l	94
14) Allyl chloride	2.73	41	48587	19.251	ug/l	99
15) Acrylonitrile	3.14	53	95817	98.113	ug/l	99
16) Acetone	2.44	43	88095	93.991	ug/l	98
17) Carbon Disulfide	2.57	76	72844	16.344	ug/l	99
18) Methyl Acetate	2.77	43	44894	21.036	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	110610	19.775	ug/l	97
20) Methylene Chloride	2.85	84	37871	19.066	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34891	18.926	ug/l	100
22) Diisopropyl ether	3.85	45	106153	19.943	ug/l	93
23) Vinyl Acetate	3.81	43	441764	97.951	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60847	19.683	ug/l	100
25) 2-Butanone	4.67	43	130757	97.186	ug/l	97
26) 2,2-Dichloropropane	4.58	77	50471	19.885	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41011	19.221	ug/l	100
28) Bromochloromethane	5.01	49	29184	20.034	ug/l	98
29) Tetrahydrofuran	5.12	42	80521	94.480	ug/l	99
30) Chloroform	5.20	83	65593	19.631	ug/l	100
31) Cyclohexane	5.57	56	53056	18.830	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	56908	19.686	ug/l	98
36) 1,1-Dichloropropene	5.79	75	47460	20.625	ug/l	99
37) Ethyl Acetate	4.83	43	46981	19.939	ug/l	97
38) Carbon Tetrachloride	5.78	117	49362	20.587	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58907	19.741	ug/l	98
40) Benzene	6.13	78	144129	20.448	ug/l	98
41) Methacrylonitrile	5.04	41	26468	19.788	ug/l	98
42) 1,2-Dichloroethane	6.19	62	50002	20.403	ug/l	99
43) Isopropyl Acetate	6.44	43	77086	19.897	ug/l	99
44) Trichloroethene	7.21	130	41209	19.751	ug/l	95
45) 1,2-Dichloropropane	7.51	63	36971	20.608	ug/l	94
46) Dibromomethane	7.66	93	26254	20.480	ug/l	99
47) Bromodichloromethane	7.90	83	48300	21.166	ug/l	100
48) Methyl methacrylate	7.77	41	37276	19.750	ug/l	98
49) 1,4-Dioxane	7.74	88	20974	397.280	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	260057	103.548	ug/l	100
52) Toluene	8.78	92	94269	20.359	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49478	20.165	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	55342	20.270	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39466	20.700	ug/l	99
56) Ethyl methacrylate	9.18	69	56994	20.437	ug/l	99
57) 1,3-Dichloropropane	9.37	76	62765	20.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	138651	104.149	ug/l	99
59) 2-Hexanone	9.49	43	202800	104.110	ug/l	99
60) Dibromochloromethane	9.58	129	40838	20.199	ug/l	100
61) 1,2-Dibromoethane	9.66	107	41768	20.643	ug/l	100
64) Tetrachloroethene	9.34	164	42674	20.952	ug/l	96
65) Chlorobenzene	10.13	112	109364	20.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38855	20.790	ug/l	99
67) Ethyl Benzene	10.25	91	182512	20.164	ug/l	100
68) m/p-Xylenes	10.35	106	142622	41.077	ug/l	99
69) o-Xylene	10.69	106	69123	20.399	ug/l	100
70) Styrene	10.71	104	116331	20.594	ug/l	99
71) Bromoform	10.85	173	30313	19.454	ug/l	# 98
73) Isopropylbenzene	11.01	105	186697	19.639	ug/l	100
74) N-amyl acetate	10.90	43	68613	18.889	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	61633	19.811	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	51772m	20.392	ug/l	
77) Bromobenzene	11.25	156	50608	19.299	ug/l	98
78) n-propylbenzene	11.36	91	209639	19.958	ug/l	99
79) 2-Chlorotoluene	11.42	91	123836	19.625	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	158558	19.960	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16742	19.357	ug/l	97
82) 4-Chlorotoluene	11.51	91	146025	19.883	ug/l	99
83) tert-Butylbenzene	11.77	119	154981	19.862	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	159720	19.949	ug/l	99
85) sec-Butylbenzene	11.94	105	189017	20.674	ug/l	99
86) p-Isopropyltoluene	12.06	119	170443	20.165	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90828	19.959	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	90922	19.481	ug/l	98
89) n-Butylbenzene	12.38	91	147850	20.446	ug/l	100
90) Hexachloroethane	12.59	117	25474	19.108	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	92310	20.467	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13306	20.461	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62872	20.570	ug/l	97
94) Hexachlorobutadiene	13.78	225	32780	21.642	ug/l	97
95) Naphthalene	13.83	128	186805	20.697	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	63897	21.010	ug/l	99

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

