

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011164.D
 Acq On : 29 Jul 2019 23:36
 Operator : JC/SP
 Sample : VX0729WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:49 AM

Quant Time: Jul 30 06:50:35 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	5.66	168	180185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99165	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	88248	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.71	98	323057	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	118458	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33707	17.898	ug/l	100
3) Chloromethane	1.33	50	30337	18.309	ug/l	99
4) Vinyl Chloride	1.41	62	32693	19.344	ug/l	99
5) Bromomethane	1.64	94	20164	21.171	ug/l	93
6) Chloroethane	1.72	64	21850	20.344	ug/l	96
7) Trichlorofluoromethane	1.93	101	57058	19.944	ug/l	99
8) Diethyl Ether	2.19	74	19682	19.967	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31835	19.489	ug/l	99
10) Methyl Iodide	2.51	142	28050	13.085	ug/l	99
11) Tert butyl alcohol	3.04	59	46731	104.678	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30552	19.036	ug/l	97
13) Acrolein	2.29	56	16066	62.288	ug/l	97
14) Allyl chloride	2.73	41	43288	18.568	ug/l	98
15) Acrylonitrile	3.14	53	92034	102.023	ug/l	99
16) Acetone	2.45	43	76766	88.669	ug/l	98
17) Carbon Disulfide	2.57	76	64042	15.556	ug/l	99
18) Methyl Acetate	2.78	43	44952	22.803	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	104817	20.287	ug/l	100
20) Methylene Chloride	2.85	84	36033	19.639	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31979	18.779	ug/l	97
22) Diisopropyl ether	3.85	45	100123	20.364	ug/l	98
23) Vinyl Acetate	3.81	43	408836	98.138	ug/l	99
24) 1,1-Dichloroethane	3.70	63	56945	19.943	ug/l	100
25) 2-Butanone	4.67	43	125512	100.992	ug/l	98
26) 2,2-Dichloropropane	4.58	77	35883	15.305	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38730	19.651	ug/l	97
28) Bromochloromethane	5.02	49	34145	25.376	ug/l	97
29) Tetrahydrofuran	5.13	42	80031	101.661	ug/l	100
30) Chloroform	5.21	83	62403	20.219	ug/l	97
31) Cyclohexane	5.58	56	47023	18.067	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	51999	19.474	ug/l	98
36) 1,1-Dichloropropene	5.80	75	41810	18.533	ug/l	99
37) Ethyl Acetate	4.84	43	46074	19.945	ug/l	97
38) Carbon Tetrachloride	5.79	117	44449	18.908	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51155	17.486	ug/l	94
40) Benzene	6.14	78	133348	19.297	ug/l	99
41) Methacrylonitrile	5.04	41	25297	19.291	ug/l	99
42) 1,2-Dichloroethane	6.19	62	48322	20.111	ug/l	100
43) Isopropyl Acetate	6.44	43	72516	19.091	ug/l	99
44) Trichloroethene	7.21	130	38839	18.987	ug/l	99
45) 1,2-Dichloropropane	7.51	63	34355	19.533	ug/l	99
46) Dibromomethane	7.66	93	24527	19.515	ug/l	98
47) Bromodichloromethane	7.90	83	43121	19.274	ug/l	98
48) Methyl methacrylate	7.77	41	35599	19.239	ug/l	99
49) 1,4-Dioxane	7.74	88	20245	391.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	254367	103.307	ug/l	99
52) Toluene	8.78	92	86529	19.061	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	43564	18.110	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	48444	18.098	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37739	20.190	ug/l	97
56) Ethyl methacrylate	9.18	69	54146	19.803	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59540	20.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	128266	98.274	ug/l	99
59) 2-Hexanone	9.49	43	195972	102.616	ug/l	99
60) Dibromochloromethane	9.58	129	36455	18.617	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39053	19.687	ug/l	99
64) Tetrachloroethene	9.34	164	38454	19.703	ug/l	98
65) Chlorobenzene	10.13	112	98184	19.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35341	19.735	ug/l	98
67) Ethyl Benzene	10.25	91	166985	19.253	ug/l	100
68) m/p-Xylenes	10.36	106	127331	38.273	ug/l	100
69) o-Xylene	10.69	106	62769	19.332	ug/l	99
70) Styrene	10.71	104	106448	19.667	ug/l	100
71) Bromoform	10.85	173	26836	18.168	ug/l #	99
73) Isopropylbenzene	11.02	105	170682	19.340	ug/l	100
74) N-amyl acetate	10.90	43	65444	19.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	58893	20.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	48904m	20.749	ug/l	
77) Bromobenzene	11.26	156	46887	19.261	ug/l	99
78) n-propylbenzene	11.36	91	188037	19.283	ug/l	100
79) 2-Chlorotoluene	11.42	91	114297	19.512	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143634	19.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	12976	16.818	ug/l	88
82) 4-Chlorotoluene	11.51	91	130886	19.198	ug/l	100
83) tert-Butylbenzene	11.77	119	140826	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143004	19.240	ug/l	99
85) sec-Butylbenzene	11.94	105	164938	19.433	ug/l	99
86) p-Isopropyltoluene	12.06	119	152301	19.410	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81885	19.383	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	80689	18.623	ug/l	96
89) n-Butylbenzene	12.38	91	126019	18.772	ug/l	99
90) Hexachloroethane	12.59	117	22521	18.197	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83796	20.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12689	21.018	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54424	19.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	26880	19.116	ug/l	98
95) Naphthalene	13.83	128	175447	20.939	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57931	20.519	ug/l	99

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

