

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010319\
 Data File : VX006905.D
 Acq On : 03 Jan 2019 19:51
 Operator : JC/MD
 Sample : K1032-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:29 AM

Quant Time: Jan 04 05:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	506989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282499	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	5.50	113	259066	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	919587	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	331163	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167451	36.104	ug/l	97
3) Chloromethane	1.33	50	207255	41.477	ug/l	98
4) Vinyl Chloride	1.41	62	525962	100.784	ug/l	99
5) Bromomethane	1.64	94	224152	45.868	ug/l	98
6) Chloroethane	1.71	64	154012	42.621	ug/l	98
7) Trichlorofluoromethane	1.93	101	373227	45.871	ug/l	98
8) Diethyl Ether	2.19	74	159226	49.270	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	206809	43.290	ug/l	99
10) Methyl Iodide	2.51	142	349353	51.086	ug/l	99
11) Tert butyl alcohol	3.08	59	308044	252.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209419	46.231	ug/l	97
13) Acrolein	2.30	56	147107	178.823	ug/l	99
14) Allyl chloride	2.73	41	377747	49.542	ug/l	98
15) Acrylonitrile	3.15	53	722360	266.796	ug/l	100
16) Acetone	2.45	43	664206	264.583	ug/l	99
17) Carbon Disulfide	2.57	76	439251	36.642	ug/l	100
18) Methyl Acetate	2.78	43	425011	57.576	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	818472	54.440	ug/l	99
20) Methylene Chloride	2.86	84	255198	49.161	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	257442	51.293	ug/l	99
22) Diisopropyl ether	3.87	45	752022	53.912	ug/l	94
23) Vinyl Acetate	3.82	43	2851075	249.879	ug/l	99
24) 1,1-Dichloroethane	3.70	63	413255	49.629	ug/l	99
25) 2-Butanone	4.70	43	887192	251.246	ug/l	99
26) 2,2-Dichloropropane	4.58	77	262751	40.849	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1026032	185.286	ug/l	94
28) Bromochloromethane	5.02	49	192489	55.024	ug/l	97
29) Tetrahydrofuran	5.15	42	600426	258.166	ug/l	98
30) Chloroform	5.21	83	442225	51.285	ug/l	98
31) Cyclohexane	5.57	56	311094	41.124	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	364516	50.063	ug/l	98
36) 1,1-Dichloropropene	5.80	75	293830	45.859	ug/l	100
37) Ethyl Acetate	4.85	43	331402	49.694	ug/l	98
38) Carbon Tetrachloride	5.78	117	310981	49.942	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318936	37.809	ug/l	97
40) Benzene	6.14	78	967485	49.676	ug/l	99
41) Methacrylonitrile	5.06	41	198225	55.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	333211	50.208	ug/l	100
43) Isopropyl Acetate	6.46	43	553102	54.509	ug/l	99
44) Trichloroethene	7.21	130	277162	47.018	ug/l	99
45) 1,2-Dichloropropane	7.51	63	248380	52.407	ug/l	100
46) Dibromomethane	7.66	93	174883	50.165	ug/l	96
47) Bromodichloromethane	7.90	83	311212	53.771	ug/l	97
48) Methyl methacrylate	7.77	41	288042	55.822	ug/l	97
49) 1,4-Dioxane	7.75	88	119450	882.422	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1750948	271.205	ug/l	100
52) Toluene	8.79	92	611780	48.622	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	337840	54.426	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	363067	53.306	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	267639	51.967	ug/l	98
56) Ethyl methacrylate	9.18	69	388712	53.401	ug/l	96
57) 1,3-Dichloropropane	9.37	76	424865	51.275	ug/l	99
59) 2-Hexanone	9.49	43	1302680	263.715	ug/l	99
60) Dibromochloromethane	9.59	129	272138	50.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	287237	52.465	ug/l	99
64) Tetrachloroethene	9.34	164	259564	47.195	ug/l	96
65) Chlorobenzene	10.14	112	724233	49.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	263122	57.394	ug/l	100
67) Ethyl Benzene	10.25	91	1162581	48.419	ug/l	98
68) m/p-Xylenes	10.36	106	918180	96.909	ug/l	100
69) o-Xylene	10.70	106	453929	48.517	ug/l	98
70) Stvrene	10.71	104	736428	49.753	ug/l	100
71) Bromoform	10.86	173	197966	48.063	ug/l	99
73) Isopropylbenzene	11.02	105	1191282	49.489	ug/l	99
74) N-amyl acetate	10.90	43	472650	54.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391254	54.652	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	358527m	54.828	ug/l	
77) Bromobenzene	11.26	156	325296	49.985	ug/l	99
78) n-propylbenzene	11.36	91	1310404	49.435	ug/l	100
79) 2-Chlorotoluene	11.42	91	773724	48.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971989	49.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100252	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	900743	48.883	ug/l	100
83) tert-Butylbenzene	11.77	119	1008296	50.812	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1003770	48.132	ug/l	100
85) sec-Butylbenzene	11.94	105	1163432	47.820	ug/l	100
86) p-Isopropyltoluene	12.06	119	1036933	48.485	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	569605	48.564	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	579113	48.164	ug/l	100
89) n-Butylbenzene	12.39	91	877506	48.212	ug/l	99
90) Hexachloroethane	12.60	117	159591	47.833	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	583655	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79451	53.636	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	392866	48.542	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160261	42.011	ug/l	99
95) Naphthalene	13.83	128	1272065	49.246	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	395923	47.381	ug/l	98

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

