

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007106.D
 Acq On : 17 Jan 2019 23:49
 Operator : JC/SP
 Sample : VX0117WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:00 AM

Quant Time: Jan 18 07:08:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	510702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	684990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	278794	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	5.50	113	247585	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.71	98	913465	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	318725	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81773	19.498	ug/l	99
3) Chloromethane	1.33	50	92698	18.987	ug/l	94
4) Vinyl Chloride	1.41	62	103577	19.722	ug/l	96
5) Bromomethane	1.64	94	105742	18.845	ug/l	100
6) Chloroethane	1.72	64	67741	18.473	ug/l	96
7) Trichlorofluoromethane	1.93	101	167874	19.783	ug/l	95
8) Diethyl Ether	2.19	74	66942	19.829	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97335	19.159	ug/l	99
10) Methyl Iodide	2.51	142	138421	20.199	ug/l	99
11) Tert butyl alcohol	3.07	59	137078	108.876	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90177	19.212	ug/l	95
13) Acrolein	2.29	56	72347	134.677	ug/l	99
14) Allyl chloride	2.73	41	155525	19.334	ug/l	98
15) Acrylonitrile	3.15	53	307090	106.250	ug/l	99
16) Acetone	2.45	43	266200	100.888	ug/l	99
17) Carbon Disulfide	2.57	76	200295	16.575	ug/l	99
18) Methyl Acetate	2.78	43	167171	21.878	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	337983	20.746	ug/l	98
20) Methylene Chloride	2.86	84	105996	20.790	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99320	18.988	ug/l	97
22) Diisopropyl ether	3.87	45	304125	20.110	ug/l	97
23) Vinyl Acetate	3.82	43	1239290	97.172	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167193	19.772	ug/l	98
25) 2-Butanone	4.70	43	392339	103.919	ug/l	99
26) 2,2-Dichloropropane	4.59	77	97450	14.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	111766	19.372	ug/l	99
28) Bromochloromethane	5.02	49	72809	19.652	ug/l	97
29) Tetrahydrofuran	5.15	42	254667	103.795	ug/l	97
30) Chloroform	5.21	83	178182	20.125	ug/l	98
31) Cyclohexane	5.57	56	140360	18.649	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145579	19.399	ug/l	97
36) 1,1-Dichloropropene	5.80	75	126534	18.956	ug/l	99
37) Ethyl Acetate	4.85	43	146539	20.476	ug/l	98
38) Carbon Tetrachloride	5.79	117	125072	18.623	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149228	17.536	ug/l	98
40) Benzene	6.14	78	392973	19.293	ug/l	100
41) Methacrylonitrile	5.06	41	78711	19.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136008	19.323	ug/l	99
43) Isopropyl Acetate	6.46	43	224159	19.857	ug/l	99
44) Trichloroethene	7.21	130	115971	19.000	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101379	19.798	ug/l	93
46) Dibromomethane	7.66	93	70917	19.706	ug/l	97
47) Bromodichloromethane	7.90	83	119429	19.496	ug/l	98
48) Methyl methacrylate	7.77	41	115707	19.960	ug/l	97
49) 1,4-Dioxane	7.75	88	55509	414.267	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761318	104.942	ug/l	100
52) Toluene	8.79	92	249072	19.026	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	122209	17.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140151	18.683	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	108100	20.630	ug/l	99
56) Ethyl methacrylate	9.18	69	153149	20.020	ug/l	95
57) 1,3-Dichloropropane	9.37	76	173750	20.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	389364	98.995	ug/l	98
59) 2-Hexanone	9.49	43	572988	103.643	ug/l	99
60) Dibromochloromethane	9.59	129	101609	19.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113636	19.699	ug/l	100
64) Tetrachloroethene	9.34	164	118242	19.938	ug/l	97
65) Chlorobenzene	10.14	112	292081	19.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	101359	20.168	ug/l	99
67) Ethyl Benzene	10.25	91	469284	19.027	ug/l	100
68) m/p-Xylenes	10.36	106	368686	37.941	ug/l	98
69) o-Xylene	10.70	106	184711	19.491	ug/l	99
70) Styrene	10.71	104	290251	19.338	ug/l	99
71) Bromoform	10.85	173	72175	19.261	ug/l	99
73) Isopropylbenzene	11.02	105	483223	19.998	ug/l	99
74) N-amyl acetate	10.90	43	194342	19.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159803	20.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146257m	21.062	ug/l	
77) Bromobenzene	11.26	156	130133	19.546	ug/l	98
78) n-propylbenzene	11.36	91	533640	20.118	ug/l	99
79) 2-Chlorotoluene	11.42	91	316470	19.819	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	398999	19.762	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34121	17.489	ug/l	90
82) 4-Chlorotoluene	11.51	91	361727	19.566	ug/l	100
83) tert-Butylbenzene	11.77	119	395958	19.656	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	409936	20.191	ug/l	99
85) sec-Butylbenzene	11.94	105	475734	19.775	ug/l	100
86) p-Isopropyltoluene	12.06	119	426696	19.829	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233625	19.414	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	234709	20.670	ug/l	99
89) n-Butylbenzene	12.39	91	351673	19.171	ug/l	98
90) Hexachloroethane	12.60	117	61569	19.788	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	234175	19.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30889	20.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154399	18.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	73107	20.220	ug/l	99
95) Naphthalene	13.83	128	496143	20.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158254	19.553	ug/l	98

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

