

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\
 Data File : VX006792.D
 Acq On : 24 Dec 2018 13:58
 Operator : JC/MD
 Sample : VX1224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:28 AM

Quant Time: Dec 25 03:27:01 2018
 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	563018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	785877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	305780	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	272651	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	1012191	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	374136	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92829	18.023	ug/l	99
3) Chloromethane	1.33	50	106005	19.103	ug/l	97
4) Vinyl Chloride	1.41	62	111864	19.302	ug/l	98
5) Bromomethane	1.64	94	110858	19.322	ug/l	97
6) Chloroethane	1.72	64	75240	18.750	ug/l	99
7) Trichlorofluoromethane	1.93	101	174703	19.335	ug/l	97
8) Diethyl Ether	2.19	74	68990	19.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104207	19.642	ug/l	99
10) Methyl Iodide	2.51	142	147426	19.413	ug/l	98
11) Tert butyl alcohol	3.07	59	153522	113.367	ug/l	98
12) 1,1-Dichloroethene	2.38	96	95727	19.030	ug/l	96
13) Acrolein	2.29	56	88411	96.777	ug/l	96
14) Allyl chloride	2.73	41	165351	19.528	ug/l	98
15) Acrylonitrile	3.15	53	322371	107.216	ug/l	100
16) Acetone	2.45	43	281234	100.880	ug/l	99
17) Carbon Disulfide	2.57	76	200842	15.087	ug/l	99
18) Methyl Acetate	2.78	43	185409	22.618	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350208	20.976	ug/l	99
20) Methylene Chloride	2.85	84	116855	20.271	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104056	18.669	ug/l	98
22) Diisopropyl ether	3.87	45	328069	21.179	ug/l	94
23) Vinyl Acetate	3.82	43	1272576	100.434	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178334	19.285	ug/l	99
25) 2-Butanone	4.70	43	413994	105.573	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120539	16.875	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123765	20.126	ug/l	98
28) Bromochloromethane	5.02	49	85168	20.765	ug/l	96
29) Tetrahydrofuran	5.15	42	275178	106.544	ug/l	98
30) Chloroform	5.21	83	189908	19.832	ug/l	95
31) Cyclohexane	5.57	56	160050	19.052	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155015	19.171	ug/l	99
36) 1,1-Dichloropropene	5.80	75	140469	19.718	ug/l	99
37) Ethyl Acetate	4.85	43	156071	21.049	ug/l	98
38) Carbon Tetrachloride	5.79	117	128007	18.489	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172652	18.409	ug/l	97
40) Benzene	6.14	78	433535	20.021	ug/l	99
41) Methacrylonitrile	5.06	41	86280	21.918	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148470	20.121	ug/l	99
43) Isopropyl Acetate	6.46	43	233264	20.676	ug/l	98
44) Trichloroethene	7.21	130	125488	19.147	ug/l	98
45) 1,2-Dichloropropane	7.52	63	106646	20.238	ug/l	95
46) Dibromomethane	7.66	93	75225	19.408	ug/l	98
47) Bromodichloromethane	7.90	83	122389	19.019	ug/l	93
48) Methyl methacrylate	7.77	41	124577	21.714	ug/l	97
49) 1,4-Dioxane	7.75	88	64454	417.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	805660	112.238	ug/l	99
52) Toluene	8.79	92	284017	20.302	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124347	18.017	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146280	19.317	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	118171	20.637	ug/l	99
56) Ethyl methacrylate	9.18	69	171809	21.229	ug/l	98
57) 1,3-Dichloropropane	9.37	76	190743	20.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	441224	102.561	ug/l	99
59) 2-Hexanone	9.49	43	599577	109.170	ug/l	100
60) Dibromochloromethane	9.59	129	100483	18.323	ug/l	97
61) 1,2-Dibromoethane	9.67	107	125713	20.653	ug/l	100
64) Tetrachloroethene	9.34	164	120728	19.400	ug/l	97
65) Chlorobenzene	10.14	112	331859	19.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	106096	20.453	ug/l	99
67) Ethyl Benzene	10.25	91	543988	20.023	ug/l	98
68) m/p-Xylenes	10.36	106	428743	39.993	ug/l	100
69) o-Xylene	10.70	106	211989	20.025	ug/l	98
70) Styrene	10.71	104	339182	20.252	ug/l	99
71) Bromoform	10.85	173	70652	18.213	ug/l #	98
73) Isopropylbenzene	11.02	105	565463	20.411	ug/l	100
74) N-amyl acetate	10.90	43	217729	21.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181077	21.977	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161607m	21.473	ug/l	
77) Bromobenzene	11.26	156	151743	20.260	ug/l	98
78) n-propylbenzene	11.36	91	625451	20.501	ug/l	99
79) 2-Chlorotoluene	11.42	91	373773	20.217	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	462332	20.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35203	17.262	ug/l #	82
82) 4-Chlorotoluene	11.51	91	424474	20.016	ug/l	99
83) tert-Butylbenzene	11.77	119	463955	20.315	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	472822	19.699	ug/l	100
85) sec-Butylbenzene	11.94	105	567383	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	497950	20.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272867	20.214	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274253	19.819	ug/l	99
89) n-Butylbenzene	12.39	91	419023	20.003	ug/l	99
90) Hexachloroethane	12.60	117	63171	18.612	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	272995	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32920	19.310	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188647	20.253	ug/l	99
94) Hexachlorobutadiene	13.78	225	86474	19.696	ug/l	99
95) Naphthalene	13.83	128	598241	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	191734	19.936	ug/l	98

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

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