

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005536.D
 Acq On : 24 Oct 2018 12:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:15 AM

Quant Time: Oct 25 02:50:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	257371	98.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.86%	
35) Dibromofluoromethane	5.51	113	207572	99.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.26%	
50) Toluene-d8	8.71	98	764333	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.14	95	304178	107.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	225478	106.645	ug/l	96
3) Chloromethane	1.32	50	270806	100.576	ug/l	95
4) Vinyl Chloride	1.40	62	260132	98.254	ug/l	99
5) Bromomethane	1.64	94	163759	99.404	ug/l	99
6) Chloroethane	1.70	64	158290	93.590	ug/l	100
7) Trichlorofluoromethane	1.92	101	347232	94.387	ug/l	96
8) Diethyl Ether	2.19	74	135731	92.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196288	92.996	ug/l	99
10) Methyl Iodide	2.50	142	230614	115.631	ug/l	100
11) Tert butyl alcohol	3.10	59	353090	501.817	ug/l	98
12) 1,1-Dichloroethene	2.37	96	184022	91.520	ug/l	95
13) Acrolein	2.29	56	184535	514.134	ug/l	97
14) Allyl chloride	2.72	41	418433	93.244	ug/l	99
15) Acrylonitrile	3.15	53	729878	462.595	ug/l	99
16) Acetone	2.45	43	651848	471.781	ug/l	100
17) Carbon Disulfide	2.56	76	587859	95.909	ug/l	100
18) Methyl Acetate	2.78	43	330275	85.331	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	674232	94.002	ug/l	99
20) Methylene Chloride	2.85	84	214056	92.502	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	198698	90.506	ug/l	98
22) Diisopropyl ether	3.87	45	743354	94.857	ug/l #	97
23) Vinyl Acetate	3.82	43	3407033	493.652	ug/l	95
24) 1,1-Dichloroethane	3.69	63	382476	89.771	ug/l	99
25) 2-Butanone	4.70	43	1029062	489.095	ug/l	95
26) 2,2-Dichloropropane	4.58	77	304729	92.642	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	221125	93.427	ug/l	99
28) Bromochloromethane	5.01	49	187606	91.041	ug/l	97
29) Tetrahydrofuran	5.15	42	663607	484.652	ug/l	98
30) Chloroform	5.21	83	358313	89.907	ug/l	98
31) Cyclohexane	5.57	56	344896	97.838	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	328314	93.337	ug/l	98
36) 1,1-Dichloropropene	5.80	75	284192	95.172	ug/l	99
37) Ethyl Acetate	4.86	43	355792	93.371	ug/l	99
38) Carbon Tetrachloride	5.78	117	298685	94.970	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332007	100.689	ug/l	98
40) Benzene	6.13	78	852318	99.570	ug/l	95
41) Methacrylonitrile	5.06	41	205300	96.722	ug/l	97
42) 1,2-Dichloroethane	6.20	62	298539	91.807	ug/l	100
43) Isopropyl Acetate	6.46	43	568737	99.602	ug/l	98
44) Trichloroethene	7.21	130	219784	94.249	ug/l	97
45) 1,2-Dichloropropane	7.52	63	216493	94.072	ug/l	98
46) Dibromomethane	7.66	93	139195	93.648	ug/l	99
47) Bromodichloromethane	7.90	83	277123	96.062	ug/l	97
48) Methyl methacrylate	7.78	41	292907	105.296	ug/l	98
49) 1,4-Dioxane	7.76	88	123881	2037.838	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1972734	514.062	ug/l	99
52) Toluene	8.79	92	512753	98.562	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	328243	105.279	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	342702	102.093	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	208742	95.171	ug/l	98
56) Ethyl methacrylate	9.18	69	354313	108.301	ug/l	99
57) 1,3-Dichloropropane	9.37	76	355100	95.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	973642	532.863	ug/l	100
59) 2-Hexanone	9.50	43	1592896	526.454	ug/l	99
60) Dibromochloromethane	9.59	129	234701	102.562	ug/l	99
61) 1,2-Dibromoethane	9.68	107	224036	98.733	ug/l	99
64) Tetrachloroethene	9.34	164	217948	89.031	ug/l	99
65) Chlorobenzene	10.14	112	584106	93.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	219148	95.710	ug/l	100
67) Ethyl Benzene	10.26	91	1027177	99.420	ug/l	99
68) m/p-Xylenes	10.36	106	792107	197.613	ug/l	100
69) o-Xylene	10.70	106	383477	101.687	ug/l	100
70) Styrene	10.71	104	653377	103.497	ug/l	99
71) Bromoform	10.86	173	209423	102.498	ug/l	99
73) Isopropylbenzene	11.02	105	1046676	97.508	ug/l	99
74) N-amyl acetate	10.90	43	546626	102.772	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	367613	92.827	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	341437m	94.888	ug/l	
77) Bromobenzene	11.26	156	282197	94.332	ug/l	99
78) n-propylbenzene	11.36	91	1222078	99.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	728723	95.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911823	99.299	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	121127	106.377	ug/l	95
82) 4-Chlorotoluene	11.51	91	875353	97.545	ug/l	100
83) tert-Butylbenzene	11.77	119	918854	100.385	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	946557	101.709	ug/l	100
85) sec-Butylbenzene	11.95	105	1093770	100.142	ug/l	100
86) p-Isopropyltoluene	12.07	119	995580	101.967	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	533207	94.784	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	539628	91.710	ug/l	100
89) n-Butylbenzene	12.39	91	911685	103.431	ug/l	99
90) Hexachloroethane	12.60	117	171978	102.126	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	538346	94.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93646	97.799	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419159	101.596	ug/l	100
94) Hexachlorobutadiene	13.79	225	200826	93.929	ug/l	99
95) Naphthalene	13.83	128	1286677	107.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	423199	101.190	ug/l	100

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

