

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005554.D
 Acq On : 24 Oct 2018 20:59
 Operator : JC/MD
 Sample : J5655-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

Manual Integrations
 APPROVED

MMDadoda

10/26/2018 11:53:40 AM

Quant Time: Oct 25 05:38:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	126498	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.51	113	101766	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.71	98	380779	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	143413	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74199	35.827	ug/l	97
3) Chloromethane	1.32	50	108171	41.013	ug/l	96
4) Vinyl Chloride	1.41	62	114668	44.216	ug/l	99
5) Bromomethane	1.64	94	74491	46.161	ug/l	84
6) Chloroethane	1.71	64	73347	44.273	ug/l	99
7) Trichlorofluoromethane	1.92	101	167808	46.568	ug/l	91
8) Diethyl Ether	2.19	74	69509	48.334	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95060	45.977	ug/l	98
10) Methyl Iodide	2.51	142	117409	54.135	ug/l	97
11) Tert butyl alcohol	3.08	59	187565	272.137	ug/l	100
12) 1,1-Dichloroethene	2.37	96	94908	48.187	ug/l	94
13) Acrolein	2.29	56	91087	259.078	ug/l	97
14) Allyl chloride	2.73	41	214703	48.844	ug/l	95
15) Acrylonitrile	3.15	53	386733	250.229	ug/l	99
16) Acetone	2.45	43	382247	282.433	ug/l	90
17) Carbon Disulfide	2.57	76	273129	45.491	ug/l	99
18) Methyl Acetate	2.78	43	174068	52.125	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	348703	49.632	ug/l	98
20) Methylene Chloride	2.85	84	109658	48.377	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	101318	47.114	ug/l	95
22) Diisopropyl ether	3.87	45	356661	46.463	ug/l #	89
23) Vinyl Acetate	3.82	43	1590217	235.222	ug/l	96
24) 1,1-Dichloroethane	3.70	63	204317	48.957	ug/l	98
25) 2-Butanone	4.70	43	518759	251.706	ug/l	93
26) 2,2-Dichloropropane	4.59	77	139148	43.186	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112016	48.316	ug/l	94
28) Bromochloromethane	5.02	49	97849	48.476	ug/l	90
29) Tetrahydrofuran	5.15	42	340422	253.813	ug/l	92
30) Chloroform	5.21	83	188957	48.403	ug/l	98
31) Cyclohexane	5.57	56	166158	48.119	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	167171	48.518	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139609	46.111	ug/l	99
37) Ethyl Acetate	4.85	43	179625	46.492	ug/l	97
38) Carbon Tetrachloride	5.78	117	147783	46.344	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157794	47.198	ug/l	94
40) Benzene	6.14	78	439551	50.644	ug/l	94
41) Methacrylonitrile	5.06	41	103342	48.018	ug/l	94
42) 1,2-Dichloroethane	6.20	62	159717	48.441	ug/l	95
43) Isopropyl Acetate	6.47	43	278097	48.034	ug/l	95
44) Trichloroethene	7.21	130	112956	47.773	ug/l	93
45) 1,2-Dichloropropane	7.52	63	113189	48.508	ug/l	98
46) Dibromomethane	7.66	93	73242	48.599	ug/l	98
47) Bromodichloromethane	7.90	83	144222	49.306	ug/l	98
48) Methyl methacrylate	7.77	41	147102	52.155	ug/l	93
49) 1,4-Dioxane	7.76	88	66595	1080.436	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1002868	257.741	ug/l	93
52) Toluene	8.79	92	265766	50.384	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161908	51.216	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	167421	49.190	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109408	49.197	ug/l	97
56) Ethyl methacrylate	9.18	69	173312	52.248	ug/l	92
57) 1,3-Dichloropropane	9.37	76	185620	49.329	ug/l	100
59) 2-Hexanone	9.50	43	803648	261.958	ug/l	92
60) Dibromochloromethane	9.59	129	118031	50.870	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115623	50.255	ug/l	99
64) Tetrachloroethene	9.34	164	112418	45.829	ug/l	98
65) Chlorobenzene	10.14	112	298079	47.372	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	110591	48.201	ug/l	98
67) Ethyl Benzene	10.26	91	515996	49.842	ug/l	98
68) m/p-Xylenes	10.36	106	400509	99.716	ug/l	94
69) o-Xylene	10.70	106	191614	50.708	ug/l	95
70) Stvrene	10.71	104	324435	51.287	ug/l	96
71) Bromoform	10.86	173	99386	48.544	ug/l	99
73) Isopropylbenzene	11.02	105	525288	51.516	ug/l	99
74) N-amyl acetate	10.90	43	253248	50.124	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	182786	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171554m	50.493	ug/l	
77) Bromobenzene	11.26	156	139038	48.928	ug/l	97
78) n-propylbenzene	11.36	91	606827	52.047	ug/l	99
79) 2-Chlorotoluene	11.42	91	361638	50.025	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	451618	51.776	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	53444	49.411	ug/l	98
82) 4-Chlorotoluene	11.51	91	429380	50.371	ug/l	99
83) tert-Butylbenzene	11.77	119	448047	51.531	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	466349	52.753	ug/l	97
85) sec-Butylbenzene	11.94	105	537482	51.806	ug/l	99
86) p-Isopropyltoluene	12.07	119	479564	51.707	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	258586	48.391	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263633	47.167	ug/l	99
89) n-Butylbenzene	12.39	91	420008	50.163	ug/l	97
90) Hexachloroethane	12.60	117	80915	50.584	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	262814	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46557	51.186	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	193739	49.435	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	93662	46.117	ug/l	98
95) Naphthalene	13.83	128	618293	54.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	202183	50.893	ug/l	99

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

