

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005658.D
 Acq On : 29 Oct 2018 14:17
 Operator : JC/MD
 Sample : VX1029WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:50:49 AM

Quant Time: Oct 30 03:24:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125526	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.49	113	100237	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	352192	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.14	95	130375	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52457	24.384	ug/l	94
3) Chloromethane	1.32	50	55607	20.297	ug/l	99
4) Vinyl Chloride	1.40	62	54068	20.070	ug/l	97
5) Bromomethane	1.64	94	31344	18.699	ug/l	99
6) Chloroethane	1.72	64	32404	18.829	ug/l	97
7) Trichlorofluoromethane	1.93	101	73244	19.567	ug/l	95
8) Diethyl Ether	2.19	74	29126	19.498	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42059	19.583	ug/l	99
10) Methyl Iodide	2.51	142	37412	18.496	ug/l	100
11) Tert butyl alcohol	3.08	59	71280	99.560	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39908	19.506	ug/l	97
13) Acrolein	2.29	56	31647	86.654	ug/l	98
14) Allyl chloride	2.72	41	88392	19.358	ug/l	98
15) Acrylonitrile	3.15	53	149166	92.914	ug/l	98
16) Acetone	2.45	43	149731	106.504	ug/l	99
17) Carbon Disulfide	2.57	76	115969	18.595	ug/l	99
18) Methyl Acetate	2.78	43	73129	20.184	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	139275	19.084	ug/l	99
20) Methylene Chloride	2.85	84	45184	19.190	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	40668	18.205	ug/l	99
22) Diisopropyl ether	3.88	45	152832	19.167	ug/l #	88
23) Vinyl Acetate	3.82	43	672381	95.746	ug/l	99
24) 1,1-Dichloroethane	3.69	63	84703	19.538	ug/l	98
25) 2-Butanone	4.70	43	214274	100.088	ug/l	99
26) 2,2-Dichloropropane	4.58	77	65722	19.636	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45786	19.012	ug/l	94
28) Bromochloromethane	5.01	49	41004	19.556	ug/l	96
29) Tetrahydrofuran	5.15	42	142949	102.603	ug/l	99
30) Chloroform	5.21	83	79039	19.491	ug/l	94
31) Cyclohexane	5.58	56	70102	19.544	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	70238	19.624	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57501	18.594	ug/l	97
37) Ethyl Acetate	4.85	43	73838	18.712	ug/l	99
38) Carbon Tetrachloride	5.77	117	62850	19.297	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	68410	20.034	ug/l	87
40) Benzene	6.14	78	182588	20.597	ug/l	96
41) Methacrylonitrile	5.06	41	42582	19.372	ug/l	98
42) 1,2-Dichloroethane	6.20	62	66751	19.822	ug/l	100
43) Isopropyl Acetate	6.46	43	115838	19.589	ug/l	99
44) Trichloroethene	7.21	130	48804	20.209	ug/l	95
45) 1,2-Dichloropropane	7.52	63	46784	19.630	ug/l	100
46) Dibromomethane	7.66	93	29906	19.429	ug/l	98
47) Bromodichloromethane	7.90	83	55986	18.740	ug/l	99
48) Methyl methacrylate	7.77	41	54280	18.842	ug/l	100
49) 1,4-Dioxane	7.75	88	24107	382.931	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	373632	94.016	ug/l	100
52) Toluene	8.79	92	102974	19.114	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59538	18.440	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	66261	19.061	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	42457	18.692	ug/l	96
56) Ethyl methacrylate	9.18	69	62936	18.576	ug/l	100
57) 1,3-Dichloropropane	9.37	76	70345	18.303	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	167094	88.306	ug/l	99
59) 2-Hexanone	9.49	43	296781	94.716	ug/l	100
60) Dibromochloromethane	9.59	129	44665	18.847	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44918	19.115	ug/l	98
64) Tetrachloroethene	9.34	164	45450	19.131	ug/l	96
65) Chlorobenzene	10.14	112	115646	18.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41925	18.867	ug/l	98
67) Ethyl Benzene	10.25	91	193360	19.285	ug/l	100
68) m/p-Xylenes	10.36	106	152090	39.098	ug/l	100
69) o-Xylene	10.70	106	72049	19.687	ug/l	100
70) Styrene	10.71	104	119659	19.531	ug/l	99
71) Bromoform	10.86	173	36647	18.482	ug/l #	98
73) Isopropylbenzene	11.02	105	200854	20.524	ug/l	100
74) N-amyl acetate	10.90	43	91911	18.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	68944	19.096	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	65711m	19.372	ug/l	
77) Bromobenzene	11.26	156	53652	19.672	ug/l	98
78) n-propylbenzene	11.36	91	227841	20.361	ug/l	99
79) 2-Chlorotoluene	11.42	91	138225	19.922	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	170957	20.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19515	18.799	ug/l	96
82) 4-Chlorotoluene	11.51	91	162546	19.868	ug/l	100
83) tert-Butylbenzene	11.77	119	166094	19.904	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	175782	20.718	ug/l	100
85) sec-Butylbenzene	11.94	105	200627	20.148	ug/l	100
86) p-Isopropyltoluene	12.07	119	180736	20.304	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	99763	19.452	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100911	18.850	ug/l	99
89) n-Butylbenzene	12.39	91	156596	19.487	ug/l	99
90) Hexachloroethane	12.60	117	29769	19.390	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100593	19.386	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16957	19.425	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	72630	19.309	ug/l	99
94) Hexachlorobutadiene	13.79	225	36888	18.924	ug/l	99
95) Naphthalene	13.83	128	219199	20.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75036	19.680	ug/l	99

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

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