

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005537.D
 Acq On : 24 Oct 2018 12:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:19 AM

Quant Time: Oct 25 02:52:19 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	5.67	168	238946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	382502	131.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.28%	
35) Dibromofluoromethane	5.50	113	325020	145.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.82%	
50) Toluene-d8	8.72	98	1139481	142.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.72%	
62) 4-Bromofluorobenzene	11.14	95	475838	157.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	365871	155.128	ug/l	97
3) Chloromethane	1.32	50	416424	138.643	ug/l	100
4) Vinyl Chloride	1.41	62	410312	138.931	ug/l	96
5) Bromomethane	1.64	94	276208	150.300	ug/l	99
6) Chloroethane	1.70	64	245485	130.115	ug/l	99
7) Trichlorofluoromethane	1.91	101	545660	132.967	ug/l	96
8) Diethyl Ether	2.19	74	225221	137.523	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	306653	130.239	ug/l	97
10) Methyl Iodide	2.50	142	380096	170.848	ug/l	99
11) Tert butyl alcohol	3.10	59	611892	779.579	ug/l	98
12) 1,1-Dichloroethene	2.36	96	292210	130.277	ug/l	93
13) Acrolein	2.30	56	294546	735.659	ug/l	98
14) Allyl chloride	2.73	41	699350	139.706	ug/l	97
15) Acrylonitrile	3.15	53	1213283	689.348	ug/l	98
16) Acetone	2.46	43	1073130	696.261	ug/l	94
17) Carbon Disulfide	2.56	76	957957	140.106	ug/l	99
18) Methyl Acetate	2.78	43	561438	130.034	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1081392	135.157	ug/l	99
20) Methylene Chloride	2.85	84	332068	128.640	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	321608	131.322	ug/l	96
22) Diisopropyl ether	3.87	45	1247801	142.740	ug/l	89
23) Vinyl Acetate	3.82	43	5395808	700.853	ug/l	99
24) 1,1-Dichloroethane	3.69	63	656781	138.190	ug/l	98
25) 2-Butanone	4.71	43	1732408	738.122	ug/l	99
26) 2,2-Dichloropropane	4.59	77	494277	134.706	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	360011	136.357	ug/l	97
28) Bromochloromethane	5.02	49	303103	131.858	ug/l	99
29) Tetrahydrofuran	5.15	42	1172613	767.714	ug/l	98
30) Chloroform	5.23	83	613582	138.017	ug/l	94
31) Cyclohexane	5.57	56	578552	147.126	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	555813	141.651	ug/l	97
36) 1,1-Dichloropropene	5.80	75	463386	145.144	ug/l	97
37) Ethyl Acetate	4.87	43	644415	158.177	ug/l	99
38) Carbon Tetrachloride	5.78	117	483336	143.741	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	524068	148.657	ug/l	98
40) Benzene	6.14	78	1331970	145.540	ug/l #	89
41) Methacrylonitrile	5.07	41	351792	155.018	ug/l	99
42) 1,2-Dichloroethane	6.20	62	491285	141.308	ug/l	99
43) Isopropyl Acetate	6.46	43	1004097	164.473	ug/l	99
44) Trichloroethene	7.21	130	352609	141.428	ug/l	99
45) 1,2-Dichloropropane	7.52	63	346911	140.992	ug/l	100
46) Dibromomethane	7.66	93	221662	139.484	ug/l	99
47) Bromodichloromethane	7.90	83	460696	149.367	ug/l	90
48) Methyl methacrylate	7.78	41	467189	157.086	ug/l	99
49) 1,4-Dioxane	7.76	88	203482	3130.772	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3228214	786.810	ug/l	99
52) Toluene	8.79	92	805480	144.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	536493	160.943	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	550883	153.496	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	333704	142.304	ug/l	98
56) Ethyl methacrylate	9.18	69	581219	166.168	ug/l	99
57) 1,3-Dichloropropane	9.37	76	565641	142.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1516264	776.161	ug/l	100
59) 2-Hexanone	9.50	43	2663249	823.276	ug/l	99
60) Dibromochloromethane	9.59	129	379433	155.084	ug/l	99
61) 1,2-Dibromoethane	9.68	107	356077	146.775	ug/l	100
64) Tetrachloroethene	9.34	164	336823	132.930	ug/l	99
65) Chlorobenzene	10.14	112	932423	143.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	351802	148.440	ug/l	100
67) Ethyl Benzene	10.26	91	1621057	151.587	ug/l	98
68) m/p-Xylenes	10.36	106	1257307	303.044	ug/l	99
69) o-Xylene	10.70	106	611498	156.659	ug/l	100
70) Styrene	10.71	104	1053915	161.288	ug/l	99
71) Bromoform	10.86	173	361019	170.708	ug/l	99
73) Isopropylbenzene	11.02	105	1667593	141.969	ug/l	99
74) N-amyl acetate	10.90	43	951981	163.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	629909	145.358	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	565248m	143.555	ug/l	
77) Bromobenzene	11.26	156	460310	140.615	ug/l	99
78) n-propylbenzene	11.37	91	1984446	147.748	ug/l	99
79) 2-Chlorotoluene	11.42	91	1190735	142.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1483423	147.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	212233	170.332	ug/l	93
82) 4-Chlorotoluene	11.51	91	1435652	146.199	ug/l	100
83) tert-Butylbenzene	11.77	119	1508718	150.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1543599	151.573	ug/l	100
85) sec-Butylbenzene	11.95	105	1788644	149.655	ug/l	100
86) p-Isopropyltoluene	12.07	119	1639516	153.453	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	888874	144.396	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	900263	139.819	ug/l	100
89) n-Butylbenzene	12.39	91	1521402	157.734	ug/l	99
90) Hexachloroethane	12.60	117	292397	158.676	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	914021	146.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	161965	154.576	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	693071	153.515	ug/l	99
94) Hexachlorobutadiene	13.79	225	336169	143.686	ug/l	99
95) Naphthalene	13.83	128	2114852	161.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	689428	150.645	ug/l	100

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

