

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008951.D
 Acq On : 15 Apr 2019 10:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:52:45 AM

Quant Time: Apr 16 01:52:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	17905	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
35) Dibromofluoromethane	5.50	113	12564	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
50) Toluene-d8	8.71	98	49746	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	11.13	95	17048	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	11561	4.176	ug/l 100
3) Chloromethane	1.33	50	16071	4.271	ug/l 100
4) Vinyl Chloride	1.41	62	15833	4.336	ug/l 99
5) Bromomethane	1.64	94	9803	4.863	ug/l 97
6) Chloroethane	1.72	64	10149	4.182	ug/l 98
7) Trichlorofluoromethane	1.93	101	19042	4.694	ug/l 99
8) Diethyl Ether	2.19	74	8930	4.677	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	12513	4.816	ug/l 99
10) Methyl Iodide	2.51	142	8698	3.940	ug/l 99
11) Tert butyl alcohol	3.05	59	19064	23.888	ug/l 96
12) 1,1-Dichloroethene	2.37	96	12789	4.702	ug/l 97
13) Acrolein	2.29	56	15654	34.230	ug/l 98
14) Allyl chloride	2.73	41	27743	4.472	ug/l 97
15) Acrylonitrile	3.14	53	47604	22.545	ug/l 98
16) Acetone	2.45	43	44059	22.636	ug/l 99
17) Carbon Disulfide	2.57	76	35858	4.107	ug/l 99
18) Methyl Acetate	2.78	43	23064	4.843	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	45881	4.739	ug/l 100
20) Methylene Chloride	2.86	84	15348	4.670	ug/l 90
21) trans-1,2-Dichloroethene	3.17	96	13337	4.528	ug/l 96
22) Diisopropyl ether	3.86	45	56872	4.767	ug/l 93
23) Vinyl Acetate	3.82	43	236452	22.741	ug/l 99
24) 1,1-Dichloroethane	3.70	63	28319	4.797	ug/l 97
25) 2-Butanone	4.68	43	70474	22.796	ug/l 97
26) 2,2-Dichloropropane	4.59	77	20386	4.865	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	15600	4.625	ug/l 98
28) Bromochloromethane	5.02	49	12991	4.674	ug/l 96
29) Tetrahydrofuran	5.13	42	46590	22.625	ug/l 99
30) Chloroform	5.21	83	24949	4.723	ug/l 97
31) Cyclohexane	5.58	56	27493	4.645	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	20290	4.741	ug/l 97
36) 1,1-Dichloropropene	5.80	75	20086	4.858	ug/l 99
37) Ethyl Acetate	4.84	43	27093	4.929	ug/l 96
38) Carbon Tetrachloride	5.79	117	16799	4.899	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24862	4.862	ug/l	98
40) Benzene	6.14	78	60057	4.877	ug/l	100
41) Methacrylonitrile	5.05	41	14860	4.688	ug/l	97
42) 1,2-Dichloroethane	6.19	62	20980	4.754	ug/l	98
43) Isopropyl Acetate	6.45	43	41821	4.847	ug/l	98
44) Trichloroethene	7.21	130	14655	5.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	16779	4.790	ug/l	97
46) Dibromomethane	7.66	93	9558	4.689	ug/l	98
47) Bromodichloromethane	7.90	83	18078	4.703	ug/l	98
48) Methyl methacrylate	7.77	41	20838	4.786	ug/l	99
49) 1,4-Dioxane	7.74	88	7898	97.507	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	137818	24.858	ug/l	100
52) Toluene	8.78	92	36410	5.016	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	20373	4.711	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	23456	4.761	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	14899	5.110	ug/l	95
56) Ethyl methacrylate	9.18	69	25619	4.873	ug/l	98
57) 1,3-Dichloropropane	9.37	76	26398	5.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	68640	25.323	ug/l	99
59) 2-Hexanone	9.49	43	105608	24.498	ug/l	100
60) Dibromochloromethane	9.58	129	13062	4.745	ug/l	99
61) 1,2-Dibromoethane	9.67	107	14795	4.876	ug/l	99
64) Tetrachloroethene	9.34	164	13831	5.501	ug/l	94
65) Chlorobenzene	10.13	112	37676	5.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	12906	4.956	ug/l	100
67) Ethyl Benzene	10.25	91	67429	4.883	ug/l	98
68) m/p-Xylenes	10.36	106	49918	10.040	ug/l	98
69) o-Xylene	10.69	106	23943	4.968	ug/l	100
70) Styrene	10.71	104	40711	4.900	ug/l	99
71) Bromoform	10.85	173	9466	4.736	ug/l #	100
73) Isopropylbenzene	11.02	105	64228	4.953	ug/l	99
74) N-amyl acetate	10.90	43	35049	4.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	22978	4.672	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	20637m	4.804	ug/l	
77) Bromobenzene	11.26	156	15645	4.991	ug/l	98
78) n-propylbenzene	11.36	91	72714	4.818	ug/l	98
79) 2-Chlorotoluene	11.42	91	43919	4.811	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	53032	4.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	6772	4.309	ug/l #	81
82) 4-Chlorotoluene	11.51	91	50074	4.737	ug/l	99
83) tert-Butylbenzene	11.77	119	50516	4.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	54551	4.955	ug/l	100
85) sec-Butylbenzene	11.94	105	61616	4.955	ug/l	100
86) p-Isopropyltoluene	12.06	119	56275	5.027	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	27355	4.877	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	27916	4.907	ug/l	95
89) n-Butylbenzene	12.38	91	51450	4.906	ug/l	99
90) Hexachloroethane	12.60	117	8697	4.679	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	27428	4.925	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4916	4.530	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	18991	4.863	ug/l	99
94) Hexachlorobutadiene	13.78	225	10095	5.394	ug/l	98
95) Naphthalene	13.83	128	59479	4.600	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	19387	4.979	ug/l	99

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

