

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008414.D
 Acq On : 25 Mar 2019 15:40
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:45 AM

Quant Time: Mar 26 04:35:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	460792	146.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.78%	
35) Dibromofluoromethane	5.50	113	346670	148.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.72%	
50) Toluene-d8	8.72	98	1391856	150.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.68%	
62) 4-Bromofluorobenzene	11.14	95	526269	153.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	337071	143.836	ug/l	99
3) Chloromethane	1.32	50	465752	134.793	ug/l	100
4) Vinyl Chloride	1.41	62	473667	139.769	ug/l	99
5) Bromomethane	1.64	94	285053	137.163	ug/l	99
6) Chloroethane	1.70	64	282098	140.434	ug/l	98
7) Trichlorofluoromethane	1.91	101	538223	140.048	ug/l	98
8) Diethyl Ether	2.19	74	254875	138.184	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	329600	144.350	ug/l	100
10) Methyl Iodide	2.50	142	366567	133.081	ug/l	99
11) Tert butyl alcohol	3.08	59	510638	723.126	ug/l	100
12) 1,1-Dichloroethene	2.36	96	339077	143.347	ug/l	97
13) Acrolein	2.29	56	363510	632.082	ug/l	100
14) Allyl chloride	2.72	41	773340	148.295	ug/l	99
15) Acrylonitrile	3.15	53	1301336	724.008	ug/l	100
16) Acetone	2.45	43	1134098	715.537	ug/l	98
17) Carbon Disulfide	2.56	76	1041830	138.134	ug/l	99
18) Methyl Acetate	2.78	43	551396	139.980	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1272673	149.567	ug/l	98
20) Methylene Chloride	2.85	84	402045	140.847	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	363648	142.484	ug/l	98
22) Diisopropyl ether	3.86	45	1522847	149.721	ug/l	91
23) Vinyl Acetate	3.82	43	6792066	757.177	ug/l	99
24) 1,1-Dichloroethane	3.70	63	755189	145.764	ug/l	99
25) 2-Butanone	4.68	43	1914476	737.214	ug/l	100
26) 2,2-Dichloropropane	4.58	77	538573	160.246	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	425609	145.512	ug/l	99
28) Bromochloromethane	5.02	49	341426	133.943	ug/l	100
29) Tetrahydrofuran	5.13	42	1240509	722.912	ug/l	99
30) Chloroform	5.21	83	682457	146.005	ug/l	99
31) Cyclohexane	5.57	56	714153	144.011	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	573611	154.778	ug/l	99
36) 1,1-Dichloropropene	5.80	75	543606	147.958	ug/l	99
37) Ethyl Acetate	4.84	43	731763	147.782	ug/l	100
38) Carbon Tetrachloride	5.78	117	480797	152.278	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	672059	149.118	ug/l	99
40) Benzene	6.14	78	1635058	145.952	ug/l	100
41) Methacrylonitrile	5.05	41	409606	151.433	ug/l	99
42) 1,2-Dichloroethane	6.19	62	582786	143.324	ug/l	99
43) Isopropyl Acetate	6.45	43	1218155	157.556	ug/l	100
44) Trichloroethene	7.21	130	383779	147.400	ug/l	100
45) 1,2-Dichloropropane	7.51	63	468095	147.584	ug/l	99
46) Dibromomethane	7.66	93	275197	146.500	ug/l	99
47) Bromodichloromethane	7.90	83	560747	156.229	ug/l	99
48) Methyl methacrylate	7.77	41	615860	157.330	ug/l	99
49) 1,4-Dioxane	7.74	88	209026	2645.146	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3779987	742.115	ug/l	99
52) Toluene	8.79	92	996297	151.300	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	677864	175.294	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	721348	165.103	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	410770	150.196	ug/l	99
56) Ethyl methacrylate	9.18	69	778417	160.544	ug/l	100
57) 1,3-Dichloropropane	9.37	76	733348	150.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2050873	791.740	ug/l	100
59) 2-Hexanone	9.49	43	2889309	735.209	ug/l	100
60) Dibromochloromethane	9.58	129	428691	168.685	ug/l	99
61) 1,2-Dibromoethane	9.67	107	431471	155.629	ug/l	99
64) Tetrachloroethene	9.33	164	311327	144.200	ug/l	97
65) Chlorobenzene	10.14	112	1040711	150.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	379697	157.721	ug/l	99
67) Ethyl Benzene	10.25	91	1966128	151.045	ug/l	100
68) m/p-Xylenes	10.36	106	1436080	307.075	ug/l	99
69) o-Xylene	10.70	106	698815	152.802	ug/l	99
70) Styrene	10.71	104	1236017	155.794	ug/l	100
71) Bromoform	10.86	173	324030	173.622	ug/l #	100
73) Isopropylbenzene	11.02	105	1846491	146.459	ug/l	100
74) N-amyl acetate	10.90	43	1120084	151.746	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	695098	138.744	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	658638m	157.457	ug/l	
77) Bromobenzene	11.26	156	440421	147.108	ug/l	100
78) n-propylbenzene	11.36	91	2191419	148.406	ug/l	100
79) 2-Chlorotoluene	11.42	91	1284558	142.390	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1587677	147.986	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	257330	175.796	ug/l	95
82) 4-Chlorotoluene	11.51	91	1527224	147.179	ug/l	99
83) tert-Butylbenzene	11.77	119	1546750	151.786	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1581408	147.519	ug/l	99
85) sec-Butylbenzene	11.94	105	1821881	148.639	ug/l	100
86) p-Isopropyltoluene	12.07	119	1641963	151.990	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	796735	148.307	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	798332	145.847	ug/l	100
89) n-Butylbenzene	12.39	91	1630022	158.192	ug/l	99
90) Hexachloroethane	12.60	117	296777	165.968	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	797653	146.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	158232	148.439	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	560225	151.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	265550	152.579	ug/l	100
95) Naphthalene	13.83	128	1870376	145.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	552662	149.258	ug/l	99

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

