

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010519\
 Data File : VN053288.D
 Acq On : 4 Jan 2019 18:35
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 10:24:10 AM

Quant Time: Jan 07 09:25:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	922441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1401790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1255120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	606439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	472207	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	396513	59.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.20%	
50) Toluene-d8	10.09	98	1710945	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	594531	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	418736	45.433	ug/l	100
3) Chloromethane	2.06	50	554997	49.155	ug/l	100
4) Vinyl Chloride	2.19	62	542341	47.620	ug/l	100
5) Bromomethane	2.57	94	340066	43.290	ug/l	100
6) Chloroethane	2.71	64	314964	46.841	ug/l	100
7) Trichlorofluoromethane	3.02	101	683745	48.153	ug/l	100
8) Diethyl Ether	3.41	74	273720	50.661	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	430013	47.417	ug/l	100
10) Methyl Iodide	3.96	142	637403	50.270	ug/l	100
11) Tert butyl alcohol	4.77	59	153193	265.372	ug/l	100
12) 1,1-Dichloroethene	3.74	96	425483	48.590	ug/l	100
13) Acrolein	3.61	56	174892	317.023	ug/l	100
14) Allyl chloride	4.33	41	666039	49.002	ug/l	100
15) Acrylonitrile	4.99	53	873862	270.703	ug/l	100
16) Acetone	3.81	43	583331	302.462	ug/l	100
17) Carbon Disulfide	4.06	76	1297820	45.560	ug/l	100
18) Methyl Acetate	4.33	43	399158	46.505	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1203151	50.970	ug/l	100
20) Methylene Chloride	4.55	84	489762	48.843	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	456591	48.401	ug/l	100
22) Diisopropyl ether	5.95	45	1492882	51.169	ug/l	100
23) Vinyl Acetate	5.90	43	4796757	278.747	ug/l	100
24) 1,1-Dichloroethane	5.85	63	853287	49.416	ug/l	100
25) 2-Butanone	6.83	43	980404	305.863	ug/l	100
26) 2,2-Dichloropropane	6.83	77	616414	47.092	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	527123	49.326	ug/l	100
28) Bromochloromethane	7.20	49	379254	50.633	ug/l	100
29) Tetrahydrofuran	7.21	42	653456	278.562	ug/l	100
30) Chloroform	7.37	83	836178	49.335	ug/l	100
31) Cyclohexane	7.66	56	804705	42.079	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	698732	48.511	ug/l	100
36) 1,1-Dichloropropene	7.80	75	648567	48.265	ug/l	100
37) Ethyl Acetate	6.93	43	431449	56.284	ug/l	100
38) Carbon Tetrachloride	7.78	117	606325	49.262	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	757710	46.656	ug/l	100
40) Benzene	8.04	78	1993402	49.711	ug/l	100
41) Methacrylonitrile	7.18	41	245920m	56.387	ug/l	
42) 1,2-Dichloroethane	8.13	62	585698	49.533	ug/l	100
43) Isopropyl Acetate	8.16	43	779445	46.243	ug/l	100
44) Trichloroethene	8.84	130	543474	47.335	ug/l	100
45) 1,2-Dichloropropane	9.12	63	522824	50.067	ug/l	100
46) Dibromomethane	9.21	93	308223	50.537	ug/l	100
47) Bromodichloromethane	9.40	83	635546	49.273	ug/l	100
48) Methyl methacrylate	9.20	41	390327	52.922	ug/l	100
49) 1,4-Dioxane	9.20	88	90406	976.818	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2166909	290.060	ug/l	100
52) Toluene	10.16	92	1245588	50.108	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	668941	49.398	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	771848	49.682	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	447211	51.344	ug/l	100
56) Ethyl methacrylate	10.43	69	613631	53.059	ug/l	100
57) 1,3-Dichloropropane	10.71	76	755765	50.834	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1639205	259.995	ug/l	100
59) 2-Hexanone	10.75	43	1501239	295.327	ug/l	100
60) Dibromochloromethane	10.90	129	499921	50.369	ug/l	100
61) 1,2-Dibromoethane	11.01	107	452864	51.265	ug/l	100
64) Tetrachloroethene	10.63	164	596123	44.770	ug/l	100
65) Chlorobenzene	11.44	112	1363685	49.032	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	480954	49.707	ug/l	100
67) Ethyl Benzene	11.51	91	2358354	49.322	ug/l	100
68) m/p-Xylenes	11.62	106	1797935	98.860	ug/l	100
69) o-Xylene	11.95	106	871154	49.963	ug/l	100
70) Styrene	11.97	104	1443450	50.704	ug/l	100
71) Bromoform	12.13	173	347461	49.838	ug/l	100
73) Isopropylbenzene	12.25	105	2297851	48.519	ug/l	100
74) N-amyl acetate	12.07	43	701688	52.754	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	508631	53.346	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	430651m	43.016	ug/l	
77) Bromobenzene	12.53	156	600908	48.736	ug/l	100
78) n-propylbenzene	12.59	91	2619797	48.584	ug/l	100
79) 2-Chlorotoluene	12.68	91	1547673	46.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1850192	47.985	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	160519	50.776	ug/l	100
82) 4-Chlorotoluene	12.77	91	1586271	48.420	ug/l	100
83) tert-Butylbenzene	12.99	119	1596178	46.872	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1885752	48.626	ug/l	100
85) sec-Butylbenzene	13.17	105	2131234	46.365	ug/l	100
86) p-Isopropyltoluene	13.29	119	1871060	47.104	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1051091	48.240	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1037856	46.998	ug/l	100
89) n-Butylbenzene	13.62	91	1548933	45.412	ug/l	100
90) Hexachloroethane	13.88	117	298110	48.640	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	997153	48.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66520	42.444	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	330429	28.599	ug/l	100
94) Hexachlorobutadiene	15.01	225	261946	37.451	ug/l	100
95) Naphthalene	15.13	128	573555	22.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	212550	20.250	ug/l	100

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

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