

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053560.D
 Acq On : 30 Jan 2019 9:46
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:18 AM

Quant Time: Jan 30 10:40:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 30 10:36:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	723429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	451642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	141746	19.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.68%	
35) Dibromofluoromethane	7.59	113	136740	21.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.36%	
50) Toluene-d8	10.09	98	501047	19.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.56%	
62) 4-Bromofluorobenzene	12.40	95	164943	18.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	166851	27.023	ug/l	99
3) Chloromethane	2.06	50	176355	21.051	ug/l	99
4) Vinyl Chloride	2.19	62	171964	21.267	ug/l	99
5) Bromomethane	2.57	94	107158	19.457	ug/l	97
6) Chloroethane	2.71	64	95825	19.848	ug/l	95
7) Trichlorofluoromethane	3.02	101	227368	21.429	ug/l	99
8) Diethyl Ether	3.41	74	81255	20.603	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138797	20.802	ug/l	98
10) Methyl Iodide	3.96	142	214673	20.905	ug/l	100
11) Tert butyl alcohol	4.79	59	39459	107.238	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	134826	20.817	ug/l	98
13) Acrolein	3.61	56	13833	25.790	ug/l	96
14) Allyl chloride	4.33	41	207848	19.885	ug/l	98
15) Acrylonitrile	4.99	53	230779	100.454	ug/l	99
16) Acetone	3.82	43	171065	100.657	ug/l	99
17) Carbon Disulfide	4.05	76	414699	21.083	ug/l	99
18) Methyl Acetate	4.33	43	103048	18.442	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	336730	19.714	ug/l	99
20) Methylene Chloride	4.55	84	151107	19.804	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	144520	20.926	ug/l	97
22) Diisopropyl ether	5.95	45	392928	18.313	ug/l	93
23) Vinyl Acetate	5.90	43	1356064	100.785	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261054	20.259	ug/l	99
25) 2-Butanone	6.84	43	254974	98.463	ug/l	100
26) 2,2-Dichloropropane	6.83	77	195512	20.011	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160203	20.319	ug/l	98
28) Bromochloromethane	7.19	49	115446	20.350	ug/l	97
29) Tetrahydrofuran	7.21	42	167453	99.237	ug/l	98
30) Chloroform	7.37	83	258052	20.529	ug/l	97
31) Cyclohexane	7.65	56	241991	17.108	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	212379	19.882	ug/l	100
36) 1,1-Dichloropropene	7.79	75	194600	19.762	ug/l	99
37) Ethyl Acetate	6.93	43	111813	19.671	ug/l	100
38) Carbon Tetrachloride	7.77	117	196152	20.826	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	223636	18.426	ug/l	99
40) Benzene	8.04	78	606081	20.226	ug/l	100
41) Methacrylonitrile	7.17	41	55355	18.477	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	178673	20.439	ug/l	99
43) Isopropyl Acetate	8.16	43	203065	20.014	ug/l #	84
44) Trichloroethene	8.83	130	170372	20.502	ug/l	98
45) 1,2-Dichloropropane	9.12	63	155315	19.622	ug/l	99
46) Dibromomethane	9.21	93	90340	19.775	ug/l	96
47) Bromodichloromethane	9.40	83	191695	19.989	ug/l	98
48) Methyl methacrylate	9.20	41	91240	17.537	ug/l	91
49) 1,4-Dioxane	9.20	88	27293	496.958	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	521578	94.651	ug/l	98
52) Toluene	10.16	92	361677	19.546	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	186860	19.293	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	225360	19.778	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	128986	20.097	ug/l	99
56) Ethyl methacrylate	10.43	69	149530	18.542	ug/l	98
57) 1,3-Dichloropropane	10.71	76	218414	19.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	427401	95.550	ug/l	99
59) 2-Hexanone	10.75	43	342040	88.957	ug/l	100
60) Dibromochloromethane	10.90	129	143174	19.695	ug/l	100
61) 1,2-Dibromoethane	11.01	107	124282	19.317	ug/l	98
64) Tetrachloroethene	10.63	164	159732	18.126	ug/l	99
65) Chlorobenzene	11.43	112	393417	19.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	137631	19.673	ug/l	99
67) Ethyl Benzene	11.51	91	655343	19.277	ug/l	100
68) m/p-Xylenes	11.62	106	509691	39.643	ug/l	100
69) o-Xylene	11.95	106	244044	19.517	ug/l	99
70) Styrene	11.96	104	401621	19.847	ug/l	100
71) Bromoform	12.13	173	95306	19.779	ug/l #	98
73) Isopropylbenzene	12.25	105	644785	19.748	ug/l	99
74) N-amyl acetate	12.07	43	145202	16.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	147348	21.088	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	113043m	18.975	ug/l	
77) Bromobenzene	12.53	156	170913	19.762	ug/l	98
78) n-propylbenzene	12.59	91	744690	19.825	ug/l	100
79) 2-Chlorotoluene	12.67	91	433007	19.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	538260	20.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38716	18.816	ug/l	95
82) 4-Chlorotoluene	12.77	91	443875	19.524	ug/l	100
83) tert-Butylbenzene	12.99	119	477696	20.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	555535	20.584	ug/l	99
85) sec-Butylbenzene	13.17	105	645391	19.969	ug/l	99
86) p-Isopropyltoluene	13.29	119	563943	20.069	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	302188	19.853	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	296116	19.357	ug/l	99
89) n-Butylbenzene	13.62	91	476756	19.871	ug/l	99
90) Hexachloroethane	13.87	117	87655	19.813	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	294757	20.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21728	23.890	ug/l	97

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93) 1,2,4-Trichlorobenzene	14.91	180	168653	28.378	ug/l	99
94) Hexachlorobutadiene	15.01	225	104955	23.387	ug/l	99
95) Naphthalene	15.13	128	354529	33.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	160792	35.432	ug/l	100

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

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