

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055280.D
 Acq On : 26 Apr 2019 16:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:57:11 AM

Quant Time: Apr 29 09:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	276604	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	220142	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.09	98	788003	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.40	95	259662	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	266485	52.258	ug/l	99
3) Chloromethane	2.06	50	303667	48.598	ug/l	100
4) Vinyl Chloride	2.19	62	241219	48.177	ug/l	96
5) Bromomethane	2.55	94	131781	45.384	ug/l	100
6) Chloroethane	2.70	64	129672	49.137	ug/l	99
7) Trichlorofluoromethane	3.01	101	347351	50.978	ug/l	97
8) Diethyl Ether	3.41	74	131475	54.060	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	206149	48.485	ug/l	99
10) Methyl Iodide	3.96	142	316556	53.092	ug/l	99
11) Tert butyl alcohol	4.79	59	97890	312.781	ug/l	99
12) 1,1-Dichloroethene	3.74	96	203403	49.918	ug/l	98
13) Acrolein	3.61	56	152349	321.891	ug/l	100
14) Allyl chloride	4.33	41	424071	52.645	ug/l	99
15) Acrylonitrile	4.99	53	496663	289.364	ug/l	100
16) Acetone	3.82	43	449032	253.382	ug/l	97
17) Carbon Disulfide	4.06	76	544415	47.791	ug/l	100
18) Methyl Acetate	4.33	43	233477	61.572	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	627096	55.663	ug/l	97
20) Methylene Chloride	4.55	84	242120	47.524	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	215476	50.429	ug/l	98
22) Diisopropyl ether	5.96	45	863293	53.765	ug/l	99
23) Vinyl Acetate	5.90	43	3188269	295.482	ug/l	99
24) 1,1-Dichloroethane	5.85	63	444858	51.508	ug/l	99
25) 2-Butanone	6.84	43	639491	279.508	ug/l	99
26) 2,2-Dichloropropane	6.83	77	309240	52.911	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	250742	50.906	ug/l	98
28) Bromochloromethane	7.20	49	215485	48.946	ug/l	96
29) Tetrahydrofuran	7.21	42	419254	298.038	ug/l	98
30) Chloroform	7.37	83	420516	51.186	ug/l	100
31) Cyclohexane	7.65	56	401553	49.653	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	344224	52.154	ug/l	99
36) 1,1-Dichloropropene	7.79	75	309769	52.010	ug/l	99
37) Ethyl Acetate	6.93	43	272997	56.796	ug/l	99
38) Carbon Tetrachloride	7.78	117	292184	52.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	325535	45.815	ug/l	98
40) Benzene	8.04	78	939744	51.113	ug/l	99
41) Methacrylonitrile	7.18	41	141773	56.260	ug/l	94
42) 1,2-Dichloroethane	8.12	62	333023	51.920	ug/l	100
43) Isopropyl Acetate	8.17	43	465746	59.837	ug/l	99
44) Trichloroethene	8.84	130	231436	49.804	ug/l	98
45) 1,2-Dichloropropane	9.12	63	271194	52.255	ug/l	100
46) Dibromomethane	9.21	93	152534	51.342	ug/l	98
47) Bromodichloromethane	9.40	83	323538	54.399	ug/l	99
48) Methyl methacrylate	9.20	41	213193	56.466	ug/l	98
49) 1,4-Dioxane	9.20	88	48969	1123.096	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1301942	290.684	ug/l	99
52) Toluene	10.16	92	546397	50.694	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	315423	57.790	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	376739	55.621	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	211485	53.222	ug/l	99
56) Ethyl methacrylate	10.43	69	285127	57.600	ug/l	98
57) 1,3-Dichloropropane	10.71	76	365249	52.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	454369	238.746	ug/l	99
59) 2-Hexanone	10.75	43	822190	290.621	ug/l	99
60) Dibromochloromethane	10.90	129	223441	54.592	ug/l	99
61) 1,2-Dibromoethane	11.01	107	201847	54.027	ug/l	100
64) Tetrachloroethene	10.63	164	220094	48.760	ug/l	99
65) Chlorobenzene	11.43	112	550277	48.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	216816	51.798	ug/l	99
67) Ethyl Benzene	11.51	91	1016685	50.537	ug/l	100
68) m/p-Xylenes	11.62	106	734002	101.728	ug/l	100
69) o-Xylene	11.95	106	364060	50.842	ug/l	100
70) Styrene	11.96	104	592323	53.366	ug/l	98
71) Bromoform	12.13	173	139674	55.918	ug/l #	100
73) Isopropylbenzene	12.25	105	952961	54.078	ug/l	99
74) N-amyl acetate	12.07	43	334519	58.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	262367	59.075	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	215215m	48.207	ug/l	
77) Bromobenzene	12.53	156	232561	47.871	ug/l	97
78) n-propylbenzene	12.59	91	1049954	47.576	ug/l	100
79) 2-Chlorotoluene	12.67	91	647348	46.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	781917	47.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63051	53.538	ug/l	99
82) 4-Chlorotoluene	12.77	91	625359	48.775	ug/l	99
83) tert-Butylbenzene	12.99	119	649381	52.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	750730	48.292	ug/l	99
85) sec-Butylbenzene	13.17	105	838581	44.996	ug/l	99
86) p-Isopropyltoluene	13.29	119	727691	47.394	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	372688	49.974	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	352817	48.592	ug/l	99
89) n-Butylbenzene	13.62	91	557657	49.000	ug/l	99
90) Hexachloroethane	13.87	117	123840	45.478	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	368070	48.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38067	56.967	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135641	42.358	ug/l	97
94) Hexachlorobutadiene	15.01	225	116276	52.251	ug/l	99
95) Naphthalene	15.13	128	309065	44.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	147255	45.995	ug/l	100

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

