

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042919\
 Data File : VN055286.D
 Acq On : 29 Apr 2019 11:32
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:59:06 AM

Quant Time: Apr 30 03:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	432492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	689778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	275281	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	7.59	113	219723	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.09	98	807990	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.40	95	268486	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	273682	49.875	ug/l	100
3) Chloromethane	2.06	50	318505	47.404	ug/l	100
4) Vinyl Chloride	2.19	62	251949	46.835	ug/l	100
5) Bromomethane	2.56	94	137586	43.812	ug/l	100
6) Chloroethane	2.70	64	134706	47.129	ug/l	100
7) Trichlorofluoromethane	3.02	101	354665	48.057	ug/l	100
8) Diethyl Ether	3.41	74	127951	48.612	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	214384	46.561	ug/l	100
10) Methyl Iodide	3.96	142	320091	49.914	ug/l	100
11) Tert butyl alcohol	4.78	59	80271	237.089	ug/l	100
12) 1,1-Dichloroethene	3.74	96	205080	46.715	ug/l	100
13) Acrolein	3.61	56	65898	156.598	ug/l	100
14) Allyl chloride	4.33	41	432497	49.334	ug/l	100
15) Acrylonitrile	4.99	53	457829	246.109	ug/l	100
16) Acetone	3.82	43	410828	221.627	ug/l	100
17) Carbon Disulfide	4.06	76	557687	45.861	ug/l	100
18) Methyl Acetate	4.33	43	218424	41.349	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	605763	49.397	ug/l	100
20) Methylene Chloride	4.55	84	245247	44.442	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	219585	47.678	ug/l	100
22) Diisopropyl ether	5.95	45	875489	49.941	ug/l	100
23) Vinyl Acetate	5.90	43	3041885	259.971	ug/l	100
24) 1,1-Dichloroethane	5.85	63	446810	47.677	ug/l	100
25) 2-Butanone	6.84	43	577061	235.632	ug/l	100
26) 2,2-Dichloropropane	6.83	77	313741	49.198	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	253667	47.568	ug/l	100
28) Bromochloromethane	7.19	49	226541	47.387	ug/l	100
29) Tetrahydrofuran	7.21	42	368032	241.577	ug/l	100
30) Chloroform	7.37	83	425506	47.677	ug/l	100
31) Cyclohexane	7.66	56	416890	38.860	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	347189	48.511	ug/l	100
36) 1,1-Dichloropropene	7.79	75	314260	49.744	ug/l	100
37) Ethyl Acetate	6.93	43	242712	47.577	ug/l	100
38) Carbon Tetrachloride	7.77	117	301023	50.510	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	347411	46.175	ug/l	100
40) Benzene	8.04	78	962082	49.043	ug/l	100
41) Methacrylonitrile	7.18	41	140128	52.257	ug/l	100
42) 1,2-Dichloroethane	8.13	62	331513	48.422	ug/l	100
43) Isopropyl Acetate	8.16	43	421010	50.703	ug/l	100
44) Trichloroethene	8.83	130	238693	48.252	ug/l	100
45) 1,2-Dichloropropane	9.12	63	273539	49.263	ug/l	100
46) Dibromomethane	9.21	93	149551	47.305	ug/l	100
47) Bromodichloromethane	9.40	83	323908	50.947	ug/l	100
48) Methyl methacrylate	9.20	41	205652	50.776	ug/l	100
49) 1,4-Dioxane	9.20	88	41692	912.533	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1173751	245.720	ug/l	100
52) Toluene	10.16	92	556920	48.667	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	307117	52.656	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	378692	52.325	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	205552	48.440	ug/l	100
56) Ethyl methacrylate	10.43	69	274057	52.000	ug/l	100
57) 1,3-Dichloropropane	10.71	76	363678	49.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	365149	224.484	ug/l	100
59) 2-Hexanone	10.75	43	734192	246.232	ug/l	100
60) Dibromochloromethane	10.90	129	224441	51.281	ug/l	100
61) 1,2-Dibromoethane	11.00	107	196240	49.399	ug/l	100
64) Tetrachloroethene	10.63	164	224777	46.650	ug/l	100
65) Chlorobenzene	11.43	112	569498	47.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	221466	49.384	ug/l	100
67) Ethyl Benzene	11.51	91	1053268	49.057	ug/l	100
68) m/p-Xylenes	11.62	106	755858	98.479	ug/l	100
69) o-Xylene	11.95	106	370626	48.608	ug/l	100
70) Styrene	11.96	104	615393	52.187	ug/l	100
71) Bromoform	12.13	173	136339	51.419	ug/l #	100
73) Isopropylbenzene	12.25	105	999995	43.131	ug/l	100
74) N-amyl acetate	12.07	43	309544	49.935	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	248461	40.628	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	230916m	46.734	ug/l	
77) Bromobenzene	12.53	156	235224	44.377	ug/l	100
78) n-propylbenzene	12.59	91	1113206	46.040	ug/l	100
79) 2-Chlorotoluene	12.67	91	677506	44.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	820405	45.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59989	46.487	ug/l	100
82) 4-Chlorotoluene	12.77	91	646506	46.217	ug/l	100
83) tert-Butylbenzene	12.99	119	689329	42.726	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	794183	46.753	ug/l	100
85) sec-Butylbenzene	13.17	105	905185	44.350	ug/l	100
86) p-Isopropyltoluene	13.29	119	786786	46.861	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	379239	46.863	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	365606	46.334	ug/l	100
89) n-Butylbenzene	13.61	91	613032	49.574	ug/l	100
90) Hexachloroethane	13.87	117	135497	45.249	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	372615	44.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33601	46.092	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	145729	50.503	ug/l	100
94) Hexachlorobutadiene	15.01	225	126855	42.291	ug/l	100
95) Naphthalene	15.13	128	301675	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	146377	48.851	ug/l	100

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

