

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057252.D
 Acq On : 13 Aug 2019 17:47
 Operator : JC/SP
 Sample : VN0813WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 9:48:56 AM

Quant Time: Aug 22 09:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 22 09:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1200444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1769639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1589564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	582293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	630687	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.58	113	566714	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.09	98	2147646	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	683244	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	206623	20.418	ug/l	98
3) Chloromethane	2.05	50	239371	20.865	ug/l	96
4) Vinyl Chloride	2.18	62	233585	20.961	ug/l	97
5) Bromomethane	2.55	94	178157	22.231	ug/l	97
6) Chloroethane	2.70	64	157981	21.560	ug/l	98
7) Trichlorofluoromethane	3.02	101	362563	20.678	ug/l	100
8) Diethyl Ether	3.40	74	138051	21.728	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	215068	20.428	ug/l	98
10) Methyl Iodide	3.95	142	340318	20.808	ug/l	99
11) Tert butyl alcohol	4.76	59	182751	112.062	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	220900	21.147	ug/l	97
13) Acrolein	3.60	56	114220	97.896	ug/l	100
14) Allyl chloride	4.32	41	329871	20.817	ug/l	98
15) Acrylonitrile	4.97	53	509359	110.865	ug/l	99
16) Acetone	3.81	43	407621	98.181	ug/l	99
17) Carbon Disulfide	4.05	76	573350	20.080	ug/l	99
18) Methyl Acetate	4.31	43	247859	22.519	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	663711	21.278	ug/l	100
20) Methylene Chloride	4.55	84	252095	20.786	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	232109	20.844	ug/l	99
22) Diisopropyl ether	5.94	45	673345	21.611	ug/l	96
23) Vinyl Acetate	5.88	43	2686832	108.824	ug/l	99
24) 1,1-Dichloroethane	5.84	63	409825	20.878	ug/l	99
25) 2-Butanone	6.82	43	641950	108.755	ug/l	98
26) 2,2-Dichloropropane	6.81	77	328402	20.391	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	271210	21.120	ug/l	100
28) Bromochloromethane	7.19	49	187192	21.611	ug/l	99
29) Tetrahydrofuran	7.20	42	425054	112.644	ug/l	99
30) Chloroform	7.36	83	424180	20.686	ug/l	99
31) Cyclohexane	7.65	56	360544	21.016	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	369549	21.306	ug/l	100
36) 1,1-Dichloropropene	7.79	75	311121	20.109	ug/l	100
37) Ethyl Acetate	6.92	43	268659	21.604	ug/l	99
38) Carbon Tetrachloride	7.77	117	328296	19.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	373278	20.378	ug/l	96
40) Benzene	8.03	78	972880	20.698	ug/l	100
41) Methacrylonitrile	7.20	41	373112	71.638	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	314342	20.870	ug/l	99
43) Isopropyl Acetate	8.16	43	436371	21.307	ug/l	100
44) Trichloroethene	8.83	130	273683	20.087	ug/l	98
45) 1,2-Dichloropropane	9.11	63	248712	20.887	ug/l	99
46) Dibromomethane	9.20	93	165282	20.586	ug/l	98
47) Bromodichloromethane	9.40	83	324131	20.940	ug/l	99
48) Methyl methacrylate	9.19	41	206474	21.788	ug/l	98
49) 1,4-Dioxane	9.20	88	88272	413.344	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1298084	107.940	ug/l	100
52) Toluene	10.15	92	613799	21.020	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	351296	21.217	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	395115	21.174	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	244271	21.402	ug/l	98
56) Ethyl methacrylate	10.43	69	345513	21.577	ug/l	99
57) 1,3-Dichloropropane	10.70	76	396206	21.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	391640	97.321	ug/l	100
59) 2-Hexanone	10.75	43	909865	106.633	ug/l	99
60) Dibromochloromethane	10.90	129	269111	21.025	ug/l	100
61) 1,2-Dibromoethane	11.00	107	253171	21.366	ug/l	99
64) Tetrachloroethene	10.63	164	288267	20.532	ug/l	97
65) Chlorobenzene	11.43	112	668864	20.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	251170	19.996	ug/l	97
67) Ethyl Benzene	11.51	91	1145754	20.633	ug/l	99
68) m/p-Xylenes	11.62	106	857860	41.406	ug/l	98
69) o-Xylene	11.95	106	424424	20.922	ug/l	100
70) Styrene	11.96	104	663900	21.138	ug/l	100
71) Bromoform	12.13	173	199171	20.694	ug/l	99
73) Isopropylbenzene	12.25	105	1118610	23.351	ug/l	100
74) N-amyl acetate	12.07	43	320190	22.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	321820	24.341	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	261119m	23.810	ug/l	
77) Bromobenzene	12.53	156	296191	23.198	ug/l	98
78) n-propylbenzene	12.59	91	1111355	22.093	ug/l	100
79) 2-Chlorotoluene	12.67	91	713036	22.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	920588	22.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90806	20.946	ug/l	98
82) 4-Chlorotoluene	12.77	91	652192	20.537	ug/l	100
83) tert-Butylbenzene	12.99	119	821496	22.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	858501	20.937	ug/l	99
85) sec-Butylbenzene	13.17	105	987433	22.206	ug/l	100
86) p-Isopropyltoluene	13.29	119	853628	19.936	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	408866	20.269	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	380529	19.395	ug/l	97
89) n-Butylbenzene	13.62	91	614975	20.476	ug/l	100
90) Hexachloroethane	13.88	117	166977	22.445	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	402856	20.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41951	21.568	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	108200	16.446	ug/l	99
94) Hexachlorobutadiene	15.01	225	180522	21.805	ug/l	98
95) Naphthalene	15.13	128	202098	19.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	109810	18.834	ug/l	98

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

