

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058878.D
 Acq On : 21 Oct 2019 11:27
 Operator : JC/SP
 Sample : VN1021WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:15 PM

Quant Time: Oct 22 03:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	418515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	673153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	626498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	311531	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.57	113	222551	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.08	98	864304	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	315033	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106046	20.323	ug/l	98
3) Chloromethane	2.04	50	129835	20.090	ug/l	98
4) Vinyl Chloride	2.17	62	130122	20.278	ug/l	98
5) Bromomethane	2.54	94	83103	20.681	ug/l	94
6) Chloroethane	2.68	64	82587	20.070	ug/l	98
7) Trichlorofluoromethane	3.00	101	161962	20.399	ug/l	100
8) Diethyl Ether	3.39	74	56236	20.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	88263	20.053	ug/l	99
10) Methyl Iodide	3.93	142	112583	19.448	ug/l	99
11) Tert butyl alcohol	4.76	59	107756	105.788	ug/l	98
12) 1,1-Dichloroethene	3.72	96	84595	20.504	ug/l	97
13) Acrolein	3.59	56	68700	98.158	ug/l	99
14) Allyl chloride	4.30	41	170557	20.429	ug/l	99
15) Acrylonitrile	4.96	53	270305	105.497	ug/l	99
16) Acetone	3.80	43	288566	95.138	ug/l	100
17) Carbon Disulfide	4.03	76	256924	19.332	ug/l	100
18) Methyl Acetate	4.30	43	138358	20.064	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	304190	21.056	ug/l	99
20) Methylene Chloride	4.53	84	103786	20.039	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	93934	20.616	ug/l	96
22) Diisopropyl ether	5.93	45	345701	21.170	ug/l	99
23) Vinyl Acetate	5.87	43	1447447	110.326	ug/l	100
24) 1,1-Dichloroethane	5.82	63	194059	20.495	ug/l	100
25) 2-Butanone	6.81	43	393379	99.911	ug/l	98
26) 2,2-Dichloropropane	6.80	77	167142	20.408	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	105478	20.265	ug/l	96
28) Bromochloromethane	7.17	49	63137	20.022	ug/l	97
29) Tetrahydrofuran	7.19	42	253694	105.329	ug/l	99
30) Chloroform	7.35	83	189082	19.907	ug/l	99
31) Cyclohexane	7.63	56	177429	20.114	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	164241	20.515	ug/l	99
36) 1,1-Dichloropropene	7.77	75	138618	20.114	ug/l	100
37) Ethyl Acetate	6.91	43	160660	21.395	ug/l	99
38) Carbon Tetrachloride	7.76	117	143208	20.171	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	158893	20.533	ug/l	99
40) Benzene	8.02	78	417333	20.622	ug/l	99
41) Methacrylonitrile	7.15	41	54150m	16.191	ug/l	
42) 1,2-Dichloroethane	8.11	62	157329	20.182	ug/l	99
43) Isopropyl Acetate	8.15	43	246298	20.451	ug/l	99
44) Trichloroethene	8.82	130	101173	20.523	ug/l	99
45) 1,2-Dichloropropane	9.11	63	113776	20.503	ug/l	97
46) Dibromomethane	9.20	93	72540	20.677	ug/l	98
47) Bromodichloromethane	9.39	83	147473	20.396	ug/l	100
48) Methyl methacrylate	9.19	41	112213	20.537	ug/l	99
49) 1,4-Dioxane	9.19	88	40928	456.294	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	784152	111.474	ug/l	99
52) Toluene	10.15	92	252716	21.058	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	162814	20.341	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	177248	20.727	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	100397	20.307	ug/l	100
56) Ethyl methacrylate	10.43	69	151533	19.579	ug/l	98
57) 1,3-Dichloropropane	10.70	76	176897	20.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	323663	95.868	ug/l	100
59) 2-Hexanone	10.75	43	589221	108.398	ug/l	99
60) Dibromochloromethane	10.90	129	105980	19.916	ug/l	99
61) 1,2-Dibromoethane	11.00	107	103510	20.459	ug/l	100
64) Tetrachloroethene	10.63	164	89868	20.482	ug/l	97
65) Chlorobenzene	11.43	112	260289	20.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	99258	20.623	ug/l	99
67) Ethyl Benzene	11.51	91	473361	21.156	ug/l	98
68) m/p-Xylenes	11.62	106	353707	42.628	ug/l	99
69) o-Xylene	11.95	106	164728	20.816	ug/l	99
70) Styrene	11.97	104	268348	19.455	ug/l	99
71) Bromoform	12.13	173	72884	19.528	ug/l #	99
73) Isopropylbenzene	12.25	105	459014	21.348	ug/l	99
74) N-amyl acetate	12.07	43	207779	21.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	156774	20.737	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	150464m	22.067	ug/l	
77) Bromobenzene	12.53	156	108052	20.389	ug/l	99
78) n-propylbenzene	12.59	91	545890	21.479	ug/l	99
79) 2-Chlorotoluene	12.68	91	325362	20.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	390275	21.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51842	19.806	ug/l	97
82) 4-Chlorotoluene	12.78	91	329002	20.697	ug/l	100
83) tert-Butylbenzene	13.00	119	323348	20.932	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	393182	22.066	ug/l	100
85) sec-Butylbenzene	13.17	105	443459	21.531	ug/l	100
86) p-Isopropyltoluene	13.29	119	392506	21.598	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	196593	20.746	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	187275	19.739	ug/l	96
89) n-Butylbenzene	13.62	91	344958	20.664	ug/l	100
90) Hexachloroethane	13.88	117	75629	20.538	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	192469	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33191	19.410	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	102884	19.183	ug/l	99
94) Hexachlorobutadiene	15.01	225	60597	20.073	ug/l	97
95) Naphthalene	15.13	128	286846	18.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	102774	19.537	ug/l	99

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

