

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053932.D
 Acq On : 25 Feb 2019 16:29
 Operator : JC/SP
 Sample : VN0225WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:48:33 AM

Quant Time: Feb 28 04:29:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	692190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1087844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	408658	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	391651	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	354987	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	1310407	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	420054	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	126881	19.917	ug/l	100
3) Chloromethane	2.06	50	168216	19.037	ug/l	99
4) Vinyl Chloride	2.19	62	173056	19.547	ug/l	97
5) Bromomethane	2.57	94	113871	19.420	ug/l	98
6) Chloroethane	2.71	64	104457	18.971	ug/l	99
7) Trichlorofluoromethane	3.02	101	218241	19.295	ug/l	100
8) Diethyl Ether	3.41	74	78985	18.639	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139986	19.596	ug/l	95
10) Methyl Iodide	3.95	142	172675	18.396	ug/l	98
11) Tert butyl alcohol	4.77	59	45159	87.793	ug/l	99
12) 1,1-Dichloroethene	3.74	96	130255	19.063	ug/l	91
13) Acrolein	3.61	56	44745	84.019	ug/l	99
14) Allyl chloride	4.33	41	232775	19.423	ug/l	95
15) Acrylonitrile	4.99	53	249556	92.052	ug/l	100
16) Acetone	3.81	43	217788	93.801	ug/l	93
17) Carbon Disulfide	4.06	76	410544	18.624	ug/l	98
18) Methyl Acetate	4.32	43	104101	18.348	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	353853	19.304	ug/l	99
20) Methylene Chloride	4.55	84	151550	18.871	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	141216	19.095	ug/l	93
22) Diisopropyl ether	5.95	45	459470	19.873	ug/l	95
23) Vinyl Acetate	5.89	43	1603449	96.405	ug/l	96
24) 1,1-Dichloroethane	5.85	63	273276	19.274	ug/l	99
25) 2-Butanone	6.83	43	288770	90.638	ug/l	96
26) 2,2-Dichloropropane	6.82	77	197216	19.578	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	159672	19.414	ug/l	95
28) Bromochloromethane	7.19	49	129562	19.964	ug/l	85
29) Tetrahydrofuran	7.21	42	191742	90.375	ug/l	93
30) Chloroform	7.37	83	262775	19.113	ug/l	100
31) Cyclohexane	7.65	56	260507	19.830	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	217414	19.179	ug/l	97
36) 1,1-Dichloropropene	7.79	75	200344	19.804	ug/l	98
37) Ethyl Acetate	6.93	43	131676	18.229	ug/l	98
38) Carbon Tetrachloride	7.77	117	190952	18.149	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	239813	19.667	ug/l	93
40) Benzene	8.04	78	611161	19.665	ug/l	100
41) Methacrylonitrile	7.19	41	92815m	19.954	ug/l	
42) 1,2-Dichloroethane	8.12	62	186805	19.415	ug/l	98
43) Isopropyl Acetate	8.16	43	217357	17.821	ug/l #	89
44) Trichloroethene	8.83	130	161105	19.553	ug/l	95
45) 1,2-Dichloropropane	9.12	63	166352	19.840	ug/l	100
46) Dibromomethane	9.21	93	94764	19.467	ug/l	93
47) Bromodichloromethane	9.40	83	198870	19.386	ug/l	100
48) Methyl methacrylate	9.20	41	103673	18.480	ug/l	95
49) 1,4-Dioxane	9.20	88	28210	371.263	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	581216	92.737	ug/l	96
52) Toluene	10.15	92	362943	19.833	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	191885	19.224	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	230665	19.603	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	130667	19.119	ug/l	97
56) Ethyl methacrylate	10.43	69	149933	18.032	ug/l	93
57) 1,3-Dichloropropane	10.71	76	222488	19.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	354929	94.057	ug/l	96
59) 2-Hexanone	10.75	43	370793	90.966	ug/l	93
60) Dibromochloromethane	10.90	129	141703	18.656	ug/l	100
61) 1,2-Dibromoethane	11.01	107	123791	18.777	ug/l	99
64) Tetrachloroethene	10.63	164	160319	20.327	ug/l	98
65) Chlorobenzene	11.43	112	381841	19.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	140866	19.883	ug/l	99
67) Ethyl Benzene	11.51	91	664669	20.169	ug/l	99
68) m/p-Xylenes	11.62	106	511752	41.145	ug/l	99
69) o-Xylene	11.95	106	245518	20.090	ug/l	99
70) Styrene	11.96	104	382102	20.327	ug/l	99
71) Bromoform	12.13	173	91329	18.530	ug/l #	100
73) Isopropylbenzene	12.25	105	650833	20.459	ug/l	99
74) N-amyl acetate	12.07	43	159325	19.109	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	151316	19.022	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	122847m	18.739	ug/l	
77) Bromobenzene	12.53	156	157481	19.498	ug/l	90
78) n-propylbenzene	12.59	91	743455	20.550	ug/l	98
79) 2-Chlorotoluene	12.67	91	441276	20.305	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	545859	20.960	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	36501	17.598	ug/l	89
82) 4-Chlorotoluene	12.77	91	431817	20.104	ug/l	98
83) tert-Butylbenzene	12.99	119	470838	20.442	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	549338	21.129	ug/l	99
85) sec-Butylbenzene	13.17	105	650765	20.686	ug/l	99
86) p-Isopropyltoluene	13.29	119	555621	20.892	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	277883	19.889	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	270734	19.973	ug/l	99
89) n-Butylbenzene	13.62	91	466831	20.828	ug/l	99
90) Hexachloroethane	13.87	117	99610	19.328	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	268996	19.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20241	18.005	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131609	18.965	ug/l	97
94) Hexachlorobutadiene	15.01	225	102502	20.981	ug/l	99
95) Naphthalene	15.13	128	246032	17.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	129959	19.033	ug/l	99

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

