

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053974.D
 Acq On : 27 Feb 2019 17:57
 Operator : JC/SP
 Sample : VN0227WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 2:55:37 PM

Quant Time: Feb 28 07:30:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	648880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	911422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	381171	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.59	113	334407	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.09	98	1206081	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	393023	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114457	19.166	ug/l	98
3) Chloromethane	2.06	50	165925	20.031	ug/l	100
4) Vinyl Chloride	2.19	62	163867	19.744	ug/l	100
5) Bromomethane	2.57	94	105291	19.156	ug/l	99
6) Chloroethane	2.71	64	97940	18.975	ug/l	98
7) Trichlorofluoromethane	3.02	101	206772	19.502	ug/l	98
8) Diethyl Ether	3.41	74	79126	19.919	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127567	19.050	ug/l	94
10) Methyl Iodide	3.95	142	176964	20.111	ug/l	99
11) Tert butyl alcohol	4.78	59	47261	98.012	ug/l	100
12) 1,1-Dichloroethene	3.74	96	122650	19.148	ug/l	93
13) Acrolein	3.61	56	46306	92.754	ug/l	99
14) Allyl chloride	4.33	41	226874	20.194	ug/l	97
15) Acrylonitrile	4.99	53	259316	102.037	ug/l	98
16) Acetone	3.81	43	219403	101.758	ug/l	97
17) Carbon Disulfide	4.05	76	374412	18.119	ug/l	98
18) Methyl Acetate	4.32	43	113003	21.247	ug/l	92
19) Methyl tert-butyl Ether	5.04	73	349744	20.354	ug/l	100
20) Methylene Chloride	4.55	84	143753	19.095	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	132285	19.081	ug/l	92
22) Diisopropyl ether	5.95	45	446234	20.589	ug/l	94
23) Vinyl Acetate	5.90	43	1575414	101.041	ug/l	95
24) 1,1-Dichloroethane	5.85	63	265353	19.964	ug/l	98
25) 2-Butanone	6.83	43	304416	101.927	ug/l	95
26) 2,2-Dichloropropane	6.82	77	190198	20.142	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	151786	19.687	ug/l	95
28) Bromochloromethane	7.19	49	126581	20.806	ug/l	# 80
29) Tetrahydrofuran	7.21	42	207798	104.480	ug/l	90
30) Chloroform	7.37	83	252546	19.596	ug/l	97
31) Cyclohexane	7.65	56	245261	19.917	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	206592	19.441	ug/l	97
36) 1,1-Dichloropropene	7.79	75	187914	19.102	ug/l	97
37) Ethyl Acetate	6.93	43	131531	18.725	ug/l	98
38) Carbon Tetrachloride	7.77	117	185297	18.111	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219991	18.553	ug/l	95
40) Benzene	8.04	78	587170	19.429	ug/l	99
41) Methacrylonitrile	7.17	41	70678	15.626	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	183254	19.586	ug/l	98
43) Isopropyl Acetate	8.16	43	228190	19.240	ug/l #	93
44) Trichloroethene	8.83	130	150483	18.782	ug/l	92
45) 1,2-Dichloropropane	9.12	63	157720	19.344	ug/l	98
46) Dibromomethane	9.21	93	90751	19.172	ug/l	92
47) Bromodichloromethane	9.40	83	193917	19.439	ug/l	98
48) Methyl methacrylate	9.20	41	106900	19.596	ug/l	91
49) 1,4-Dioxane	9.20	88	28749	389.088	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	615798	101.041	ug/l	96
52) Toluene	10.16	92	346004	19.444	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	185278	19.088	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	218493	19.095	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	128033	19.265	ug/l	98
56) Ethyl methacrylate	10.43	69	151089	18.616	ug/l	87
57) 1,3-Dichloropropane	10.71	76	219725	19.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	341421	93.190	ug/l	94
59) 2-Hexanone	10.75	43	394373	99.495	ug/l	93
60) Dibromochloromethane	10.90	129	135542	18.351	ug/l	100
61) 1,2-Dibromoethane	11.01	107	120381	18.777	ug/l	98
64) Tetrachloroethene	10.63	164	143953	18.652	ug/l	98
65) Chlorobenzene	11.43	112	359582	18.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	134524	19.405	ug/l	99
67) Ethyl Benzene	11.51	91	616460	19.117	ug/l	99
68) m/p-Xylenes	11.62	106	470870	38.689	ug/l	97
69) o-Xylene	11.95	106	228073	19.072	ug/l	98
70) Styrene	11.96	104	362638	19.715	ug/l	98
71) Bromoform	12.13	173	89425	18.542	ug/l #	99
73) Isopropylbenzene	12.25	105	605228	19.583	ug/l	99
74) N-amyl acetate	12.07	43	166113	20.507	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	152438	19.724	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	127394m	20.002	ug/l	
77) Bromobenzene	12.53	156	150304	19.155	ug/l	90
78) n-propylbenzene	12.59	91	694554	19.761	ug/l	98
79) 2-Chlorotoluene	12.68	91	419316	19.859	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	504019	19.920	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	36448	18.087	ug/l	90
82) 4-Chlorotoluene	12.77	91	416169	19.943	ug/l	95
83) tert-Butylbenzene	12.99	119	453076	20.247	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	504272	19.963	ug/l	99
85) sec-Butylbenzene	13.17	105	612976	20.055	ug/l	98
86) p-Isopropyltoluene	13.29	119	514725	19.921	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	257557	18.974	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	251662	19.110	ug/l	98
89) n-Butylbenzene	13.62	91	429817	19.738	ug/l	99
90) Hexachloroethane	13.87	117	92093	18.393	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	254462	19.365	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20562	18.827	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	119843	17.915	ug/l	98
94) Hexachlorobutadiene	15.01	225	92986	19.590	ug/l	99
95) Naphthalene	15.13	128	241334	17.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	119549	18.104	ug/l	98

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

