

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059928.D
 Acq On : 30 Jan 2020 15:00
 Operator : JC/MD
 Sample : VN0130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:40:47 AM

Quant Time: Jan 30 17:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	102664	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	85045	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.08	98	321029	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	115715	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35998	16.528	ug/l	100
3) Chloromethane	2.04	50	35451	17.117	ug/l	97
4) Vinyl Chloride	2.17	62	45430	19.171	ug/l	95
5) Bromomethane	2.55	94	26811	18.539	ug/l	98
6) Chloroethane	2.69	64	21138	18.854	ug/l	99
7) Trichlorofluoromethane	3.00	101	53702	18.870	ug/l	99
8) Diethyl Ether	3.39	74	19342	19.366	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31805	20.080	ug/l	94
10) Methyl Iodide	3.93	142	43809	17.111	ug/l	95
11) Tert butyl alcohol	4.73	59	32508	96.120	ug/l	96
12) 1,1-Dichloroethene	3.72	96	30048	18.155	ug/l	88
13) Acrolein	3.58	56	12726	53.156	ug/l	97
14) Allyl chloride	4.29	41	46867	21.008	ug/l #	93
15) Acrylonitrile	4.94	53	76128	98.679	ug/l	99
16) Acetone	3.78	43	76950	106.557	ug/l	96
17) Carbon Disulfide	4.03	76	75912	16.101	ug/l	100
18) Methyl Acetate	4.29	43	47016	20.035	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	109798	20.347	ug/l	97
20) Methylene Chloride	4.52	84	36294	19.170	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	32030	18.206	ug/l	88
22) Diisopropyl ether	5.92	45	99853	19.751	ug/l #	94
23) Vinyl Acetate	5.86	43	378199	96.622	ug/l	96
24) 1,1-Dichloroethane	5.81	63	59738	19.339	ug/l	98
25) 2-Butanone	6.80	43	103914	91.338	ug/l	92
26) 2,2-Dichloropropane	6.79	77	57433	19.339	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	38997	19.272	ug/l	91
28) Bromochloromethane	7.17	49	23869	19.333	ug/l #	74
29) Tetrahydrofuran	7.18	42	66021	93.792	ug/l #	88
30) Chloroform	7.35	83	64211	20.062	ug/l	97
31) Cyclohexane	7.63	56	51857	17.446	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	57210	19.332	ug/l	97
36) 1,1-Dichloropropene	7.77	75	45424	18.677	ug/l	95
37) Ethyl Acetate	6.90	43	42474	18.620	ug/l	96
38) Carbon Tetrachloride	7.75	117	50658	19.148	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	53655	17.892	ug/l	93
40) Benzene	8.02	78	137421	18.946	ug/l	100
41) Methacrylonitrile	7.15	41	19993m	17.795	ug/l	
42) 1,2-Dichloroethane	8.10	62	50534	20.549	ug/l	96
43) Isopropyl Acetate	8.14	43	73196	18.656	ug/l	94
44) Trichloroethene	8.82	130	39436	19.916	ug/l	94
45) 1,2-Dichloropropane	9.10	63	35878	19.990	ug/l	98
46) Dibromomethane	9.19	93	24488	19.342	ug/l #	88
47) Bromodichloromethane	9.39	83	50838	19.926	ug/l	98
48) Methyl methacrylate	9.18	41	31591	18.001	ug/l	91
49) 1,4-Dioxane	9.18	88	12404	386.089	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	214795	94.704	ug/l	96
52) Toluene	10.14	92	89296	19.491	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57016	20.014	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61403	20.485	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	36464	20.095	ug/l	96
56) Ethyl methacrylate	10.42	69	51201	18.467	ug/l	93
57) 1,3-Dichloropropane	10.70	76	59182	20.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	88255	105.679	ug/l	92
59) 2-Hexanone	10.74	43	156361	93.580	ug/l	95
60) Dibromochloromethane	10.89	129	41912	20.283	ug/l	99
61) 1,2-Dibromoethane	11.00	107	36856	19.379	ug/l	99
64) Tetrachloroethene	10.62	164	40310	19.401	ug/l	96
65) Chlorobenzene	11.43	112	99496	19.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	38755	20.017	ug/l	98
67) Ethyl Benzene	11.51	91	172330	18.945	ug/l	97
68) m/p-Xylenes	11.62	106	130748	38.053	ug/l	95
69) o-Xylene	11.94	106	64385	19.140	ug/l	95
70) Styrene	11.96	104	103045	18.306	ug/l	97
71) Bromoform	12.12	173	30363	19.578	ug/l #	99
73) Isopropylbenzene	12.24	105	171932	19.115	ug/l	99
74) N-amyl acetate	12.07	43	61231	17.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	50471	19.356	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50290m	24.366	ug/l	
77) Bromobenzene	12.52	156	43763	19.213	ug/l	84
78) n-propylbenzene	12.59	91	191964	19.015	ug/l	96
79) 2-Chlorotoluene	12.67	91	113707	18.933	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	142933	18.895	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18224	18.962	ug/l	95
82) 4-Chlorotoluene	12.77	91	116094	19.272	ug/l	96
83) tert-Butylbenzene	12.99	119	125419	19.170	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	143484	19.173	ug/l	99
85) sec-Butylbenzene	13.17	105	162735	18.932	ug/l	99
86) p-Isopropyltoluene	13.28	119	149923	18.850	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	77156	19.501	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	76603	19.407	ug/l	98
89) n-Butylbenzene	13.61	91	128091	18.889	ug/l	98
90) Hexachloroethane	13.87	117	27185	18.268	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	76781	19.629	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10577	17.543	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45699	19.443	ug/l	98
94) Hexachlorobutadiene	15.01	225	24740	19.101	ug/l	99
95) Naphthalene	15.13	128	123037	18.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44451	19.430	ug/l	98

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

