

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059927.D
 Acq On : 30 Jan 2020 14:31
 Operator : JC/MD
 Sample : VN0130WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:40:43 AM

Quant Time: Jan 30 17:05:39 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	186583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106360	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.57	113	87638	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.08	98	334077	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	120186	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37559	16.726	ug/l	97
3) Chloromethane	2.04	50	37039	17.339	ug/l	96
4) Vinyl Chloride	2.17	62	47453	19.415	ug/l	100
5) Bromomethane	2.55	94	28632	19.196	ug/l	99
6) Chloroethane	2.69	64	22388	19.361	ug/l	99
7) Trichlorofluoromethane	3.00	101	56665	19.305	ug/l	97
8) Diethyl Ether	3.39	74	20524	19.924	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34038	20.836	ug/l	93
10) Methyl Iodide	3.93	142	43551	16.493	ug/l	97
11) Tert butyl alcohol	4.73	59	32830	94.118	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31974	18.731	ug/l	88
13) Acrolein	3.58	56	12928	52.357	ug/l	100
14) Allyl chloride	4.29	41	43985	19.117	ug/l #	85
15) Acrylonitrile	4.94	53	77904	97.908	ug/l	99
16) Acetone	3.78	43	79766	107.148	ug/l	97
17) Carbon Disulfide	4.03	76	77755	15.990	ug/l	100
18) Methyl Acetate	4.29	43	47587	19.662	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	112067	20.135	ug/l	93
20) Methylene Chloride	4.52	84	36499	18.659	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	34109	18.797	ug/l	90
22) Diisopropyl ether	5.91	45	103662	19.881	ug/l #	89
23) Vinyl Acetate	5.86	43	390325	96.685	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	62520	19.623	ug/l	99
25) 2-Butanone	6.80	43	106588	90.838	ug/l	92
26) 2,2-Dichloropropane	6.80	77	59926	19.565	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	41826	20.041	ug/l	87
28) Bromochloromethane	7.17	49	24877	19.536	ug/l #	79
29) Tetrahydrofuran	7.18	42	66639	91.789	ug/l #	87
30) Chloroform	7.35	83	65644	19.885	ug/l	98
31) Cyclohexane	7.63	56	54545	17.792	ug/l #	85
32) 1,1,1-Trichloroethane	7.54	97	60534	19.833	ug/l	95
36) 1,1-Dichloropropene	7.77	75	47514	19.140	ug/l	96
37) Ethyl Acetate	6.89	43	43547	18.703	ug/l	96
38) Carbon Tetrachloride	7.75	117	53490	19.808	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58217	19.020	ug/l	91
40) Benzene	8.02	78	141818	19.156	ug/l	100
41) Methacrylonitrile	7.14	41	17185m	14.985	ug/l	
42) 1,2-Dichloroethane	8.10	62	51876	20.666	ug/l	97
43) Isopropyl Acetate	8.14	43	75359	18.817	ug/l #	94
44) Trichloroethene	8.82	130	41879	20.721	ug/l	91
45) 1,2-Dichloropropane	9.10	63	37088	20.245	ug/l	99
46) Dibromomethane	9.19	93	26040	20.150	ug/l	92
47) Bromodichloromethane	9.38	83	53210	20.432	ug/l	99
48) Methyl methacrylate	9.18	41	32487	18.136	ug/l	88
49) 1,4-Dioxane	9.18	88	12725	388.044	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	220820	95.385	ug/l	96
52) Toluene	10.14	92	92346	19.747	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57638	19.822	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	62680	20.487	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	37444	20.217	ug/l	98
56) Ethyl methacrylate	10.42	69	52971	18.717	ug/l	93
57) 1,3-Dichloropropane	10.70	76	59910	20.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	88771	104.140	ug/l	92
59) 2-Hexanone	10.74	43	161959	94.963	ug/l	96
60) Dibromochloromethane	10.89	129	42792	20.289	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38843	20.009	ug/l	99
64) Tetrachloroethene	10.62	164	42948	20.195	ug/l	95
65) Chlorobenzene	11.43	112	101666	19.822	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40146	20.258	ug/l	97
67) Ethyl Benzene	11.50	91	180954	19.436	ug/l	98
68) m/p-Xylenes	11.62	106	136105	38.700	ug/l	94
69) o-Xylene	11.94	106	65363	18.984	ug/l	98
70) Styrene	11.96	104	106660	18.513	ug/l	97
71) Bromoform	12.12	173	31298	19.716	ug/l #	97
73) Isopropylbenzene	12.25	105	180822	19.737	ug/l	99
74) N-amyl acetate	12.06	43	63287	17.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	51945	19.558	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	48103m	22.882	ug/l	
77) Bromobenzene	12.52	156	45632	19.669	ug/l	82
78) n-propylbenzene	12.59	91	200363	19.485	ug/l	97
79) 2-Chlorotoluene	12.67	91	117735	19.246	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	149314	19.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17770	18.152	ug/l	96
82) 4-Chlorotoluene	12.77	91	120989	19.719	ug/l	95
83) tert-Butylbenzene	12.99	119	131735	19.769	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	150174	19.701	ug/l	98
85) sec-Butylbenzene	13.17	105	172626	19.717	ug/l	99
86) p-Isopropyltoluene	13.28	119	158103	19.516	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80429	19.957	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78530	19.533	ug/l	97
89) n-Butylbenzene	13.61	91	134717	19.504	ug/l	99
90) Hexachloroethane	13.87	117	29268	19.310	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	79110	19.856	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11025	18.004	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	46204	19.300	ug/l	100
94) Hexachlorobutadiene	15.01	225	26220	19.875	ug/l	98
95) Naphthalene	15.13	128	121172	17.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45784	19.648	ug/l	99

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

