

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054482.D
 Acq On : 21 Mar 2019 00:43
 Operator : JC/SP
 Sample : VN0320WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:51:19 PM

Quant Time: Mar 22 05:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	520168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	860786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	745509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	317153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353087	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	7.59	113	285767	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.09	98	1072170	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	360645	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109032	21.926	ug/l	99
3) Chloromethane	2.06	50	153193	22.642	ug/l	99
4) Vinyl Chloride	2.19	62	146171	21.519	ug/l	100
5) Bromomethane	2.57	94	89258	20.321	ug/l	93
6) Chloroethane	2.71	64	82794	20.321	ug/l	100
7) Trichlorofluoromethane	3.02	101	169712	20.573	ug/l	99
8) Diethyl Ether	3.41	74	64611	20.365	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.75	101	94670	19.527	ug/l	95
10) Methyl Iodide	3.94	142	141445	19.834	ug/l	95
11) Tert butyl alcohol	4.83	59	43308	110.561	ug/l #	92
12) 1,1-Dichloroethene	3.73	96	100498	20.031	ug/l #	82
13) Acrolein	3.61	56	47836	88.492	ug/l	100
14) Allyl chloride	4.32	41	198691	21.031	ug/l #	92
15) Acrylonitrile	5.00	53	218256	111.887	ug/l	99
16) Acetone	3.82	43	162506	83.541	ug/l #	85
17) Carbon Disulfide	4.04	76	259826	19.328	ug/l	99
18) Methyl Acetate	4.33	43	94498	21.795	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	325576	22.235	ug/l	94
20) Methylene Chloride	4.55	84	124295	21.676	ug/l	87
21) trans-1,2-Dichloroethene	5.04	96	111013	21.669	ug/l	87
22) Diisopropyl ether	5.96	45	417979	22.429	ug/l #	96
23) Vinyl Acetate	5.90	43	1467784	111.520	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	223339	22.258	ug/l	99
25) 2-Butanone	6.85	43	263661	105.810	ug/l	92
26) 2,2-Dichloropropane	6.82	77	121511	16.988	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	130895	21.420	ug/l	90
28) Bromochloromethane	7.19	49	103820	21.021	ug/l #	77
29) Tetrahydrofuran	7.22	42	189579	117.239	ug/l #	85
30) Chloroform	7.37	83	216351	22.094	ug/l	99
31) Cyclohexane	7.65	56	215295	21.328	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	179283	22.192	ug/l	96
36) 1,1-Dichloropropene	7.79	75	159011	19.757	ug/l	98
37) Ethyl Acetate	6.94	43	123177	21.518	ug/l	96
38) Carbon Tetrachloride	7.77	117	152833	19.541	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	182601	19.834	ug/l	90
40) Benzene	8.04	78	481407	20.917	ug/l	99
41) Methacrylonitrile	7.18	41	66021	18.912	ug/l	89
42) 1,2-Dichloroethane	8.13	62	172999	20.641	ug/l	98
43) Isopropyl Acetate	8.17	43	205202	21.226	ug/l #	95
44) Trichloroethene	8.83	130	130062	20.327	ug/l	94
45) 1,2-Dichloropropane	9.12	63	131613	21.297	ug/l	98
46) Dibromomethane	9.21	93	78239	21.221	ug/l	92
47) Bromodichloromethane	9.40	83	156718	20.482	ug/l	100
48) Methyl methacrylate	9.20	41	109582	20.884	ug/l	88
49) 1,4-Dioxane	9.21	88	24997	426.130	ug/l	89
51) 4-Methyl-2-Pentanone	9.99	43	582352	108.693	ug/l	94
52) Toluene	10.16	92	290099	20.494	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	136717	18.414	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	177225	20.201	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	106617	20.953	ug/l	95
56) Ethyl methacrylate	10.43	69	142229	20.826	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	186701	21.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	283726	100.890	ug/l	91
59) 2-Hexanone	10.75	43	366537	104.735	ug/l	93
60) Dibromochloromethane	10.90	129	107149	19.790	ug/l	98
61) 1,2-Dibromoethane	11.01	107	104701	20.814	ug/l	98
64) Tetrachloroethene	10.63	164	127388	20.601	ug/l	95
65) Chlorobenzene	11.43	112	307915	20.307	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	114092	20.964	ug/l	98
67) Ethyl Benzene	11.51	91	544560	20.332	ug/l	98
68) m/p-Xylenes	11.62	106	406525	40.071	ug/l	98
69) o-Xylene	11.95	106	199643	20.150	ug/l	96
70) Styrene	11.96	104	328261	20.402	ug/l	98
71) Bromoform	12.13	173	64715	18.702	ug/l #	99
73) Isopropylbenzene	12.25	105	531684	20.804	ug/l	99
74) N-amyl acetate	12.07	43	164335	22.363	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	127613	21.874	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	122810m	24.402	ug/l	
77) Bromobenzene	12.53	156	131681	20.775	ug/l	90
78) n-propylbenzene	12.59	91	574421	20.728	ug/l	97
79) 2-Chlorotoluene	12.67	91	354694	20.524	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	433149	20.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21957	17.258	ug/l #	74
82) 4-Chlorotoluene	12.77	91	347309	20.733	ug/l	97
83) tert-Butylbenzene	12.99	119	389395	21.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	428260	20.837	ug/l	99
85) sec-Butylbenzene	13.17	105	484869	21.333	ug/l	97
86) p-Isopropyltoluene	13.29	119	424542	20.878	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	214000	20.374	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	207826	20.336	ug/l	97
89) n-Butylbenzene	13.62	91	328453	20.658	ug/l	98
90) Hexachloroethane	13.88	117	63707	20.184	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	217558	21.384	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18099	21.151	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106702	21.038	ug/l	99
94) Hexachlorobutadiene	15.01	225	67164	22.191	ug/l	98
95) Naphthalene	15.13	128	245296	21.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	109080	21.609	ug/l	98

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

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