

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055958.D
 Acq On : 3 Jun 2019 13:50
 Operator : JC/SP
 Sample : VN0603WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:24:42 AM

Quant Time: Jun 03 18:27:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	294700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	387536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	158312	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	137933	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	523177	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	173990	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	35664	17.982	ug/l	99
3) Chloromethane	2.06	50	51204	18.426	ug/l	98
4) Vinyl Chloride	2.18	62	53396	18.015	ug/l	99
5) Bromomethane	2.53	94	39835m	21.483	ug/l	
6) Chloroethane	2.68	64	34546	19.359	ug/l	98
7) Trichlorofluoromethane	3.00	101	73541	18.925	ug/l	96
8) Diethyl Ether	3.40	74	33054	18.979	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	47638	19.639	ug/l	100
10) Methyl Iodide	3.94	142	69278	19.535	ug/l	98
11) Tert butyl alcohol	4.81	59	66736m	114.766	ug/l	
12) 1,1-Dichloroethene	3.72	96	47133	18.806	ug/l	94
13) Acrolein	3.60	56	28023	67.302	ug/l	98
14) Allyl chloride	4.31	41	77917	18.135	ug/l	98
15) Acrylonitrile	4.99	53	143836	107.721	ug/l	99
16) Acetone	3.82	43	132940	99.370	ug/l	97
17) Carbon Disulfide	4.04	76	97135	13.641	ug/l	99
18) Methyl Acetate	4.33	43	65427	23.383	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	166102	19.871	ug/l	98
20) Methylene Chloride	4.54	84	56978	19.666	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	50115	18.612	ug/l	95
22) Diisopropyl ether	5.95	45	169733	20.311	ug/l	98
23) Vinyl Acetate	5.90	43	677193	94.515	ug/l	100
24) 1,1-Dichloroethane	5.84	63	95786	19.686	ug/l	99
25) 2-Butanone	6.84	43	193755	103.702	ug/l	100
26) 2,2-Dichloropropane	6.82	77	70743	16.800	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	61763	19.661	ug/l	99
28) Bromochloromethane	7.19	49	48013	20.726	ug/l	100
29) Tetrahydrofuran	7.22	42	125460	106.035	ug/l	99
30) Chloroform	7.37	83	97792	20.154	ug/l	99
31) Cyclohexane	7.65	56	84963	18.599	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	80480	18.586	ug/l	99
36) 1,1-Dichloropropene	7.79	75	68447	18.033	ug/l	99
37) Ethyl Acetate	6.93	43	73638	20.073	ug/l	99
38) Carbon Tetrachloride	7.77	117	64533	16.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	83003	17.659	ug/l	99
40) Benzene	8.04	78	224848	19.655	ug/l	99
41) Methacrylonitrile	7.17	41	32389	17.476	ug/l	89
42) 1,2-Dichloroethane	8.12	62	74766	20.001	ug/l	100
43) Isopropyl Acetate	8.17	43	117200	19.014	ug/l #	92
44) Trichloroethene	8.83	130	62367	19.556	ug/l	97
45) 1,2-Dichloropropane	9.12	63	60417	20.271	ug/l	98
46) Dibromomethane	9.21	93	38907	19.905	ug/l	99
47) Bromodichloromethane	9.40	83	70914	17.693	ug/l	98
48) Methyl methacrylate	9.20	41	56225	19.792	ug/l	97
49) 1,4-Dioxane	9.20	88	24515	415.274	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	376587	103.448	ug/l	100
52) Toluene	10.16	92	144653	20.106	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	71274	16.659	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	86040	18.154	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	58341	20.241	ug/l	98
56) Ethyl methacrylate	10.43	69	86250	19.363	ug/l	99
57) 1,3-Dichloropropane	10.71	76	94985	20.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	155287	91.221	ug/l	99
59) 2-Hexanone	10.75	43	265161	102.676	ug/l	99
60) Dibromochloromethane	10.90	129	55603	16.560	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59295	19.834	ug/l	98
64) Tetrachloroethene	10.63	164	63906	19.552	ug/l	99
65) Chlorobenzene	11.43	112	153640	19.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54916	17.748	ug/l	98
67) Ethyl Benzene	11.51	91	267562	19.232	ug/l	100
68) m/p-Xylenes	11.62	106	202768	38.552	ug/l	100
69) o-Xylene	11.95	106	100848	19.326	ug/l	100
70) Styrene	11.96	104	163154	19.307	ug/l	99
71) Bromoform	12.13	173	38528	14.598	ug/l #	100
73) Isopropylbenzene	12.25	105	269311	22.635	ug/l	100
74) N-amyl acetate	12.07	43	94979	21.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	82613	23.179	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	67706m	23.345	ug/l	
77) Bromobenzene	12.53	156	70404	20.997	ug/l	98
78) n-propylbenzene	12.59	91	276441	20.242	ug/l	99
79) 2-Chlorotoluene	12.67	91	173385	22.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	218021	21.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18828	16.122	ug/l	87
82) 4-Chlorotoluene	12.77	91	161689	20.141	ug/l	100
83) tert-Butylbenzene	12.99	119	199494	22.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	213173	21.354	ug/l	99
85) sec-Butylbenzene	13.17	105	249457	22.274	ug/l	99
86) p-Isopropyltoluene	13.29	119	218524	20.026	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105470	19.865	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	98762	19.565	ug/l	100
89) n-Butylbenzene	13.61	91	152592	18.250	ug/l	99
90) Hexachloroethane	13.87	117	33350	16.057	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	107690	20.330	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11702	16.808	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41856	16.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	39007	19.822	ug/l	99
95) Naphthalene	15.13	128	121267	16.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49848	17.802	ug/l	99

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

