

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055965.D
 Acq On : 3 Jun 2019 16:45
 Operator : JC/SP
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:24:53 AM

Quant Time: Jun 04 02:07:49 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	301136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	396039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164691	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	160639	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.59	113	143986	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.09	98	535391	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	179382	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	35916	17.722	ug/l	98
3) Chloromethane	2.06	50	52093	18.345	ug/l	97
4) Vinyl Chloride	2.18	62	55311	18.263	ug/l	99
5) Bromomethane	2.53	94	39576m	20.887	ug/l	
6) Chloroethane	2.68	64	35596	19.521	ug/l	97
7) Trichlorofluoromethane	3.00	101	76087	19.162	ug/l	97
8) Diethyl Ether	3.40	74	35302	19.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	48627	19.619	ug/l	100
10) Methyl Iodide	3.94	142	76307	21.057	ug/l	99
11) Tert butyl alcohol	4.81	59	58348	98.196	ug/l	98
12) 1,1-Dichloroethene	3.72	96	48516	18.944	ug/l	98
13) Acrolein	3.60	56	29631	69.643	ug/l	95
14) Allyl chloride	4.31	41	81555	18.576	ug/l	99
15) Acrylonitrile	4.99	53	148138	108.571	ug/l	98
16) Acetone	3.82	43	136468	99.827	ug/l	99
17) Carbon Disulfide	4.04	76	97061	13.339	ug/l	99
18) Methyl Acetate	4.33	43	67596	23.657	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	174677	20.450	ug/l	99
20) Methylene Chloride	4.54	84	59734	20.177	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	53055	19.283	ug/l	96
22) Diisopropyl ether	5.95	45	174351	20.418	ug/l	99
23) Vinyl Acetate	5.90	43	718016	98.070	ug/l	99
24) 1,1-Dichloroethane	5.84	63	100141	20.142	ug/l	100
25) 2-Butanone	6.84	43	202057	105.834	ug/l	100
26) 2,2-Dichloropropane	6.82	77	71358	16.584	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	64987	20.245	ug/l	99
28) Bromochloromethane	7.19	49	49155	20.765	ug/l	97
29) Tetrahydrofuran	7.22	42	132322	109.445	ug/l	99
30) Chloroform	7.37	83	100621	20.293	ug/l	100
31) Cyclohexane	7.65	56	87504	18.746	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	82573	18.662	ug/l	100
36) 1,1-Dichloropropene	7.79	75	70719	18.061	ug/l	99
37) Ethyl Acetate	6.93	43	78628	20.776	ug/l	99
38) Carbon Tetrachloride	7.77	117	68367	16.762	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	85655	17.665	ug/l	100
40) Benzene	8.04	78	233315	19.771	ug/l	100
41) Methacrylonitrile	7.18	41	40904m	21.394	ug/l	
42) 1,2-Dichloroethane	8.12	62	77384	20.068	ug/l	99
43) Isopropyl Acetate	8.17	43	123243	19.382	ug/l #	91
44) Trichloroethene	8.83	130	64026	19.461	ug/l	98
45) 1,2-Dichloropropane	9.12	63	61313	19.941	ug/l	95
46) Dibromomethane	9.21	93	39504	19.591	ug/l	97
47) Bromodichloromethane	9.40	83	72879	17.626	ug/l	99
48) Methyl methacrylate	9.20	41	60099	20.508	ug/l	98
49) 1,4-Dioxane	9.20	88	26076	428.187	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	391402	104.224	ug/l	99
52) Toluene	10.15	92	147587	19.885	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	74843	16.958	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	87886	17.975	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	61847	20.801	ug/l	98
56) Ethyl methacrylate	10.43	69	91128	19.831	ug/l	98
57) 1,3-Dichloropropane	10.71	76	98883	20.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	178806	101.820	ug/l	99
59) 2-Hexanone	10.75	43	278562	104.561	ug/l	99
60) Dibromochloromethane	10.90	129	60109	17.354	ug/l	100
61) 1,2-Dibromoethane	11.00	107	62624	20.306	ug/l	99
64) Tetrachloroethene	10.63	164	63915	19.135	ug/l	99
65) Chlorobenzene	11.43	112	156534	19.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	56358	17.823	ug/l	99
67) Ethyl Benzene	11.51	91	273703	19.251	ug/l	97
68) m/p-Xylenes	11.62	106	206749	38.465	ug/l	100
69) o-Xylene	11.95	106	105021	19.694	ug/l	98
70) Styrene	11.96	104	169199	19.593	ug/l	100
71) Bromoform	12.13	173	40155	14.888	ug/l #	99
73) Isopropylbenzene	12.25	105	271947	21.704	ug/l	99
74) N-amyl acetate	12.07	43	100537	21.233	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86729	23.223	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	74405m	24.641	ug/l	
77) Bromobenzene	12.53	156	72219	20.550	ug/l	99
78) n-propylbenzene	12.59	91	283081	19.777	ug/l	99
79) 2-Chlorotoluene	12.67	91	178156	21.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	224820	21.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20178	16.485	ug/l	88
82) 4-Chlorotoluene	12.77	91	168210	19.992	ug/l	99
83) tert-Butylbenzene	12.99	119	201473	21.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219576	20.943	ug/l	100
85) sec-Butylbenzene	13.17	105	255050	21.667	ug/l	100
86) p-Isopropyltoluene	13.29	119	227972	19.933	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	111418	20.022	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106339	20.099	ug/l	99
89) n-Butylbenzene	13.61	91	165227	18.855	ug/l	99
90) Hexachloroethane	13.87	117	34137	15.681	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	114204	20.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13377	18.332	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49017	17.866	ug/l	99
94) Hexachlorobutadiene	15.01	225	41626	20.216	ug/l	99
95) Naphthalene	15.13	128	143485	18.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57022	19.430	ug/l	99

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

