

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055829.D
 Acq On : 25 May 2019 5:54
 Operator : JC/SP
 Sample : K3037-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:36:49 AM

Quant Time: May 26 23:24:28 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	354662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	182394	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	165934	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	621990	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	215089	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110696	46.376	ug/l	100
3) Chloromethane	2.06	50	159278	47.627	ug/l	99
4) Vinyl Chloride	2.18	62	169101	47.407	ug/l	99
5) Bromomethane	2.55	94	113206	50.729	ug/l	100
6) Chloroethane	2.69	64	106639	49.655	ug/l	99
7) Trichlorofluoromethane	3.01	101	227055	48.553	ug/l	99
8) Diethyl Ether	3.40	74	100312	47.859	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	138212	47.346	ug/l	97
10) Methyl Iodide	3.94	142	216895	50.820	ug/l	99
11) Tert butyl alcohol	4.81	59	142343	203.401	ug/l	100
12) 1,1-Dichloroethene	3.72	96	144228	47.816	ug/l	98
13) Acrolein	3.60	56	93672	186.934	ug/l	96
14) Allyl chloride	4.32	41	222942	43.115	ug/l	99
15) Acrylonitrile	4.99	53	378878	235.774	ug/l	100
16) Acetone	3.82	43	309666	192.336	ug/l	100
17) Carbon Disulfide	4.04	76	368446	42.994	ug/l	100
18) Methyl Acetate	4.33	43	123721	37.482	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	483382	48.051	ug/l	98
20) Methylene Chloride	4.55	84	168204	48.240	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	155605	48.019	ug/l	97
22) Diisopropyl ether	5.96	45	482141	47.940	ug/l	97
23) Vinyl Acetate	5.90	43	1540084	178.606	ug/l	100
24) 1,1-Dichloroethane	5.84	63	278681	47.593	ug/l	99
25) 2-Butanone	6.84	43	483740	215.136	ug/l	99
26) 2,2-Dichloropropane	6.82	77	138203	27.271	ug/l	94
27) cis-1,2-Dichloroethene	6.82	96	198667	52.549	ug/l	94
28) Bromochloromethane	7.19	49	137040	49.155	ug/l	96
29) Tetrahydrofuran	7.22	42	327178	229.771	ug/l	99
30) Chloroform	7.37	83	285984	48.973	ug/l	100
31) Cyclohexane	7.65	56	253856	46.176	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	250700	48.109	ug/l	99
36) 1,1-Dichloropropene	7.79	75	208034	46.227	ug/l	99
37) Ethyl Acetate	6.93	43	164672	37.860	ug/l	99
38) Carbon Tetrachloride	7.77	117	221096	47.165	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	254442	45.658	ug/l	99
40) Benzene	8.04	78	663299	48.905	ug/l	100
41) Methacrylonitrile	7.17	41	90812	41.327	ug/l	90
42) 1,2-Dichloroethane	8.12	62	214335	48.362	ug/l	100
43) Isopropyl Acetate	8.17	43	293878	40.213	ug/l #	91
44) Trichloroethene	8.83	130	189399	50.090	ug/l	99
45) 1,2-Dichloropropane	9.12	63	173716	49.159	ug/l	100
46) Dibromomethane	9.21	93	114734	49.508	ug/l	98
47) Bromodichloromethane	9.40	83	224441	47.230	ug/l	99
48) Methyl methacrylate	9.20	41	164722	48.907	ug/l	99
49) 1,4-Dioxane	9.20	88	62400	891.539	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1026846	237.910	ug/l	99
52) Toluene	10.16	92	425803	49.917	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	223971	44.154	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	251500	44.757	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	168205	49.222	ug/l	100
56) Ethyl methacrylate	10.43	69	258594	48.964	ug/l	100
57) 1,3-Dichloropropane	10.71	76	271016	48.790	ug/l	100
59) 2-Hexanone	10.75	43	702546	229.449	ug/l	100
60) Dibromochloromethane	10.90	129	193381	48.577	ug/l	99
61) 1,2-Dibromoethane	11.00	107	173158	48.852	ug/l	97
64) Tetrachloroethene	10.63	164	186381	47.592	ug/l	98
65) Chlorobenzene	11.43	112	458633	49.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	176459	47.598	ug/l	100
67) Ethyl Benzene	11.51	91	796981	47.812	ug/l	98
68) m/p-Xylenes	11.62	106	614965	97.587	ug/l	99
69) o-Xylene	11.95	106	304947	48.775	ug/l	100
70) Stvrene	11.96	104	499215	49.306	ug/l	99
71) Bromoform	12.13	173	149436	47.258	ug/l #	100
73) Isopropylbenzene	12.25	105	796882	52.381	ug/l	100
74) N-amyl acetate	12.07	43	224049	38.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	236732	52.585	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	204319m	55.708	ug/l	
77) Bromobenzene	12.53	156	218764	47.819	ug/l	95
78) n-propylbenzene	12.59	91	842493	45.215	ug/l	99
79) 2-Chlorotoluene	12.67	91	518010	51.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	656123	51.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57160	35.873	ug/l	98
82) 4-Chlorotoluene	12.77	91	507631	46.347	ug/l	100
83) tert-Butylbenzene	12.99	119	583411	52.746	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	651025	50.839	ug/l	99
85) sec-Butylbenzene	13.17	105	739805	51.324	ug/l	99
86) p-Isopropyltoluene	13.29	119	676434	45.434	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	347303	47.944	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	335033	48.647	ug/l	99
89) n-Butylbenzene	13.61	91	505153	44.283	ug/l	100
90) Hexachloroethane	13.87	117	122344	43.173	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	349325	48.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40029	42.139	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	178709	43.489	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	124875	49.062	ug/l	98
95) Naphthalene	15.13	128	470850	47.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	186889	48.919	ug/l	100

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

