

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051130.D
 Acq On : 11 Sep 2018 16:26
 Operator : MD\SY
 Sample : J4849-05MS 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:07:13 AM

Quant Time: Sep 12 03:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	675666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387706	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.59	113	371345	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1409841	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	472732	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289459	44.42	ug/l	98
3) Chloromethane	2.06	50	372006	44.15	ug/l	99
4) Vinyl Chloride	2.18	62	402746	45.03	ug/l	98
5) Bromomethane	2.55	94	157733	30.88	ug/l	100
6) Chloroethane	2.70	64	246324	44.62	ug/l	100
7) Trichlorofluoromethane	3.01	101	547554	46.20	ug/l	98
8) Diethyl Ether	3.41	74	221238	50.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	351233	45.97	ug/l	99
10) Methyl Iodide	3.95	142	210351	31.76	ug/l	99
11) Tert butyl alcohol	4.80	59	174912	304.55	ug/l	99
12) 1,1-Dichloroethene	3.73	96	331509	46.00	ug/l	99
13) Acrolein	3.61	56	171016	244.54	ug/l	99
14) Allyl chloride	4.32	41	526196	47.92	ug/l	99
15) Acrylonitrile	4.99	53	706474	277.61	ug/l	99
16) Acetone	3.82	43	476648	256.53	ug/l	99
17) Carbon Disulfide	4.05	76	981996	46.24	ug/l	99
18) Methyl Acetate	4.33	43	321458	53.39	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	995885	52.27	ug/l	99
20) Methylene Chloride	4.55	84	385074	46.36	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	356649	45.62	ug/l	99
22) Diisopropyl ether	5.96	45	1110249	50.94	ug/l	96
23) Vinyl Acetate	5.90	43	3962406	268.63	ug/l	100
24) 1,1-Dichloroethane	5.85	63	654382	47.32	ug/l	99
25) 2-Butanone	6.84	43	783558	265.05	ug/l	100
26) 2,2-Dichloropropane	6.83	77	524605	46.35	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	414501	48.33	ug/l	99
28) Bromochloromethane	7.20	49	300460	48.81	ug/l	99
29) Tetrahydrofuran	7.22	42	534340	289.44	ug/l	99
30) Chloroform	7.37	83	656760	47.74	ug/l	99
31) Cyclohexane	7.65	56	580781	47.09	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	561075	47.86	ug/l	100
36) 1,1-Dichloropropene	7.79	75	506592	47.22	ug/l	100
37) Ethyl Acetate	6.93	43	350742	56.45	ug/l	100
38) Carbon Tetrachloride	7.78	117	490759	46.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	572592	48.37	ug/l	100
40) Benzene	8.04	78	1551524	47.99	ug/l	100
41) Methacrylonitrile	7.17	41	171222	53.41	ug/l	98
42) 1,2-Dichloroethane	8.13	62	460176	48.83	ug/l	99
43) Isopropyl Acetate	8.17	43	613811	55.98	ug/l #	89
44) Trichloroethene	8.84	130	412002	46.59	ug/l	98
45) 1,2-Dichloropropane	9.12	63	401120	48.02	ug/l	99
46) Dibromomethane	9.21	93	244917	48.05	ug/l	99
47) Bromodichloromethane	9.40	83	504452	48.67	ug/l	98
48) Methyl methacrylate	9.20	41	307390	57.53	ug/l	98
49) 1,4-Dioxane	9.20	88	97559	1164.38	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1748796	288.43	ug/l	100
52) Toluene	10.16	92	962541	48.83	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	522406	50.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	597707	49.14	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	369640	51.62	ug/l	99
56) Ethyl methacrylate	10.43	69	499243	51.86	ug/l	98
57) 1,3-Dichloropropane	10.71	76	602168	50.72	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	35219	23.41	ug/l	98
59) 2-Hexanone	10.75	43	1177638	286.40	ug/l	99
60) Dibromochloromethane	10.90	129	401533	49.75	ug/l	99
61) 1,2-Dibromoethane	11.01	107	364794	52.11	ug/l	100
64) Tetrachloroethene	10.63	164	372994	45.86	ug/l	99
65) Chlorobenzene	11.43	112	1070313	47.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	390756	48.31	ug/l	100
67) Ethyl Benzene	11.51	91	1939131	53.30	ug/l	100
68) m/p-Xylenes	11.62	106	1484799	106.22	ug/l	100
69) o-Xylene	11.95	106	686687	50.73	ug/l	98
70) Styrene	11.96	104	1114893	53.10	ug/l	100
71) Bromoform	12.13	173	298589	52.43	ug/l #	99
73) Isopropylbenzene	12.25	105	2736503	71.40	ug/l	100
74) N-amyl acetate	12.07	43	529961	54.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	484914	55.31	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	406169m	57.55	ug/l	
77) Bromobenzene	12.53	156	465563	45.22	ug/l	99
78) n-propylbenzene	12.59	91	4001356	94.98	ug/l	99
79) 2-Chlorotoluene	12.68	91	1293572	49.13	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	2091708	67.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118890	49.40	ug/l	100
82) 4-Chlorotoluene	12.77	91	1189021	45.49	ug/l	99
83) tert-Butylbenzene	12.99	119	1331496	48.67	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11809264	387.59	ug/l	99
85) sec-Butylbenzene	13.17	105	2104897	59.99	ug/l	96
86) p-Isopropyltoluene	13.29	119	1764670	59.32	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	790721	45.27	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	766226	47.78	ug/l	99
89) n-Butylbenzene	13.62	91	1423608	61.49	ug/l	94
90) Hexachloroethane	13.88	117	314138	58.10	ug/l	78
91) 1,2-Dichlorobenzene	13.65	146	771371	45.32	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	73592	56.13	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	400618	48.81	ug/l	98
94) Hexachlorobutadiene	15.01	225	238077	47.93	ug/l	100
95) Naphthalene	15.13	128	901402	52.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	394565	50.20	ug/l	99

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

