

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051066.D
 Acq On : 10 Sep 2018 8:58
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:40:15 AM

Quant Time: Sep 11 02:09:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 01:47:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	880611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	421161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	145716	18.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.66%	
35) Dibromofluoromethane	7.59	113	144407	19.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.62%	
50) Toluene-d8	10.09	98	532914	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	
62) 4-Bromofluorobenzene	12.40	95	169866	18.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	126231	18.83	ug/l	99
3) Chloromethane	2.06	50	176760	18.52	ug/l	99
4) Vinyl Chloride	2.18	62	176363	19.16	ug/l	99
5) Bromomethane	2.56	94	101669	16.49	ug/l	100
6) Chloroethane	2.70	64	106733	18.79	ug/l	99
7) Trichlorofluoromethane	3.01	101	234246	19.21	ug/l	99
8) Diethyl Ether	3.41	74	88815	19.80	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	151113	19.22	ug/l	99
10) Methyl Iodide	3.95	142	112607	16.77	ug/l	99
11) Tert butyl alcohol	4.79	59	59997	101.52	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	139817	18.85	ug/l	97
13) Acrolein	3.61	56	74509	110.52	ug/l	99
14) Allyl chloride	4.32	41	219061	19.39	ug/l	100
15) Acrylonitrile	4.99	53	262967	100.42	ug/l	100
16) Acetone	3.82	43	214466	99.77	ug/l	99
17) Carbon Disulfide	4.05	76	424293	17.39	ug/l	99
18) Methyl Acetate	4.33	43	116659	18.83	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	387745	21.77	ug/l	99
20) Methylene Chloride	4.55	84	161949	18.95	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	150596	18.72	ug/l	98
22) Diisopropyl ether	5.95	45	463447	20.66	ug/l	99
23) Vinyl Acetate	5.90	43	1524570	100.44	ug/l	99
24) 1,1-Dichloroethane	5.85	63	276266	19.41	ug/l	99
25) 2-Butanone	6.84	43	304435	100.08	ug/l	99
26) 2,2-Dichloropropane	6.82	77	222517	19.10	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	168421	19.09	ug/l	99
28) Bromochloromethane	7.19	49	125056	19.74	ug/l	100
29) Tetrahydrofuran	7.21	42	196112	103.24	ug/l	99
30) Chloroform	7.37	83	277024	19.57	ug/l	99
31) Cyclohexane	7.65	56	249987	17.37	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	237439	19.68	ug/l	99
36) 1,1-Dichloropropene	7.79	75	208940	19.12	ug/l	98
37) Ethyl Acetate	6.93	43	130670	20.65	ug/l	99
38) Carbon Tetrachloride	7.77	117	209126	19.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	231849	19.23	ug/l	99
40) Benzene	8.04	78	650081	19.74	ug/l	99
41) Methacrylonitrile	7.18	41	63836	19.55	ug/l	97
42) 1,2-Dichloroethane	8.13	62	188855	19.68	ug/l	100
43) Isopropyl Acetate	8.17	43	228851	20.49	ug/l	99
44) Trichloroethene	8.83	130	173076	19.22	ug/l	100
45) 1,2-Dichloropropane	9.12	63	168332	19.78	ug/l	100
46) Dibromomethane	9.21	93	102223	19.69	ug/l	98
47) Bromodichloromethane	9.40	83	208443	19.75	ug/l	98
48) Methyl methacrylate	9.20	41	109174	20.06	ug/l	99
49) 1,4-Dioxane	9.20	88	36017	422.05	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	648990	105.09	ug/l	99
52) Toluene	10.16	92	397875	19.82	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	206036	19.50	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	243476	19.66	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	144274	19.78	ug/l	98
56) Ethyl methacrylate	10.43	69	177167	20.29	ug/l	100
57) 1,3-Dichloropropane	10.71	76	241285	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	352052	98.67	ug/l	100
59) 2-Hexanone	10.75	43	429688	102.60	ug/l	99
60) Dibromochloromethane	10.90	129	160124	19.48	ug/l	99
61) 1,2-Dibromoethane	11.01	107	140168	19.66	ug/l	99
64) Tetrachloroethene	10.63	164	157618	19.62	ug/l	98
65) Chlorobenzene	11.43	112	428695	19.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	158761	19.87	ug/l	99
67) Ethyl Benzene	11.51	91	711190	19.78	ug/l	100
68) m/p-Xylenes	11.62	106	556927	40.32	ug/l	99
69) o-Xylene	11.95	106	269591	20.16	ug/l	99
70) Styrene	11.96	104	426989	20.58	ug/l	100
71) Bromoform	12.13	173	112794	20.05	ug/l #	99
73) Isopropylbenzene	12.25	105	706334	20.00	ug/l	100
74) N-amyl acetate	12.07	43	176311	19.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	182086	19.36	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141981m	20.27	ug/l	
77) Bromobenzene	12.53	156	179524	18.92	ug/l	99
78) n-propylbenzene	12.59	91	776211	19.99	ug/l	99
79) 2-Chlorotoluene	12.67	91	472602	19.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	578993	20.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44283	19.97	ug/l	95
82) 4-Chlorotoluene	12.77	91	468724	19.46	ug/l	100
83) tert-Butylbenzene	12.99	119	503683	19.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	585001	20.84	ug/l	99
85) sec-Butylbenzene	13.17	105	648585	20.06	ug/l	100
86) p-Isopropyltoluene	13.29	119	563167	20.54	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	304681	18.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288910	18.21	ug/l	98
89) n-Butylbenzene	13.61	91	410834	19.26	ug/l	98
90) Hexachloroethane	13.87	117	103039	18.39	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	300915	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25128	18.31	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115656	17.13	ug/l	99
94) Hexachlorobutadiene	15.01	225	96564	17.47	ug/l	99
95) Naphthalene	15.13	128	220783	15.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	119646	17.10	ug/l	99

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

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