

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050780.D
 Acq On : 21 Aug 2018 10:20
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:18:43 AM

Quant Time: Aug 22 03:48:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	600227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	899617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	362697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	40857	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	7.59	113	38051	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
50) Toluene-d8	10.09	98	131229	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.40	95	39722	4.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	32793	4.08	ug/l	98
3) Chloromethane	2.06	50	47465	4.79	ug/l	98
4) Vinyl Chloride	2.18	62	44654	4.76	ug/l	99
5) Bromomethane	2.56	94	29152	4.83	ug/l	98
6) Chloroethane	2.70	64	27730	5.11	ug/l	89
7) Trichlorofluoromethane	3.01	101	60475	5.03	ug/l	99
8) Diethyl Ether	3.41	74	19951	4.88	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	37399	4.98	ug/l	98
10) Methyl Iodide	3.95	142	22372	3.75	ug/l	100
11) Tert butyl alcohol	4.79	59	10395	22.59	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	33170	4.92	ug/l	97
13) Acrolein	3.61	56	8962	35.66	ug/l	100
14) Allyl chloride	4.32	41	48692	4.64	ug/l	99
15) Acrylonitrile	4.99	53	57723	24.68	ug/l #	85
16) Acetone	3.82	43	60509	30.37	ug/l	99
17) Carbon Disulfide	4.05	76	100566	4.45	ug/l	99
18) Methyl Acetate	4.33	43	33282	4.84	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	76138	4.49	ug/l	98
20) Methylene Chloride	4.55	84	42786	5.25	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	34551	4.76	ug/l	96
22) Diisopropyl ether	5.96	45	99656	4.76	ug/l	95
23) Vinyl Acetate	5.90	43	304324	22.57	ug/l	100
24) 1,1-Dichloroethane	5.85	63	68413	5.09	ug/l	98
25) 2-Butanone	6.84	43	85171	29.25	ug/l	99
26) 2,2-Dichloropropane	6.83	77	53892	4.99	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	38224	4.86	ug/l	97
28) Bromochloromethane	7.20	49	31328	5.49	ug/l	98
29) Tetrahydrofuran	7.22	42	38356	22.97	ug/l	97
30) Chloroform	7.37	83	70407	5.29	ug/l	96
31) Cyclohexane	7.66	56	59061	4.42	ug/l #	73
32) 1,1,1-Trichloroethane	7.57	97	58965	5.16	ug/l	99
36) 1,1-Dichloropropene	7.79	75	48790	4.60	ug/l	99
37) Ethyl Acetate	6.93	43	28260	4.84	ug/l	97
38) Carbon Tetrachloride	7.77	117	52346	4.88	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	48536	4.23	ug/l	95
40) Benzene	8.04	78	154490	4.83	ug/l	99
41) Methacrylonitrile	7.18	41	14845	4.81	ug/l	95
42) 1,2-Dichloroethane	8.13	62	49424	5.16	ug/l	98
43) Isopropyl Acetate	8.16	43	48277	4.60	ug/l	97
44) Trichloroethene	8.83	130	41466	4.91	ug/l	98
45) 1,2-Dichloropropane	9.12	63	40820	4.85	ug/l	100
46) Dibromomethane	9.21	93	24102	4.88	ug/l	98
47) Bromodichloromethane	9.40	83	52296	5.05	ug/l	99
48) Methyl methacrylate	9.20	41	22875	4.28	ug/l	95
49) 1,4-Dioxane	9.20	88	6538	89.75	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	165744	26.49	ug/l	97
52) Toluene	10.16	92	88084	4.64	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	46516	4.51	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	53210	4.51	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	34458	4.90	ug/l	98
56) Ethyl methacrylate	10.43	69	34288	4.30	ug/l	97
57) 1,3-Dichloropropane	10.71	76	56142	4.83	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	71600	21.01	ug/l	99
59) 2-Hexanone	10.75	43	108941	26.15	ug/l	94
60) Dibromochloromethane	10.90	129	37397	4.75	ug/l	97
61) 1,2-Dibromoethane	11.01	107	32842	4.83	ug/l	97
64) Tetrachloroethene	10.63	164	37810	4.92	ug/l	99
65) Chlorobenzene	11.43	112	103469	4.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	38012	4.92	ug/l	98
67) Ethyl Benzene	11.51	91	155170	4.52	ug/l	100
68) m/p-Xylenes	11.62	106	114167	8.75	ug/l	98
69) o-Xylene	11.95	106	55796	4.45	ug/l	98
70) Styrene	11.96	104	83451	4.26	ug/l	98
71) Bromoform	12.13	173	24618	4.63	ug/l #	98
73) Isopropylbenzene	12.25	105	141054	4.70	ug/l	99
74) N-amyl acetate	12.07	43	33792	4.48	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	42794	5.29	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	35324m	5.74	ug/l	
77) Bromobenzene	12.53	156	40360	4.94	ug/l	98
78) n-propylbenzene	12.59	91	152226	4.54	ug/l	99
79) 2-Chlorotoluene	12.67	91	101754	4.87	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	112945	4.66	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	8341	4.44	ug/l	90
82) 4-Chlorotoluene	12.77	91	98396	4.77	ug/l	100
83) tert-Butylbenzene	12.99	119	99289	4.73	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	111593	4.58	ug/l	100
85) sec-Butylbenzene	13.17	105	132114	4.80	ug/l	99
86) p-Isopropyltoluene	13.29	119	106340	4.54	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	67577	4.88	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	65473	4.80	ug/l	96
89) n-Butylbenzene	13.61	91	80777	4.31	ug/l	95
90) Hexachloroethane	13.87	117	24781	5.11	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	65336	4.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5118	4.75	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	18126	3.12	ug/l	97
94) Hexachlorobutadiene	15.01	225	22566	5.18	ug/l	96
95) Naphthalene	15.13	128	30942	2.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	19478	3.44	ug/l	98

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

