

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050743.D
 Acq On : 18 Aug 2018 1:41
 Operator : MD\SY
 Sample : VN0817WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:53:33 AM

Quant Time: Aug 18 04:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	463057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	768903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	690820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	373995	64.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	128.14%	
35) Dibromofluoromethane	7.59	113	342578	55.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.62%	
50) Toluene-d8	10.09	98	1129501	48.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	352474	46.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	73684	14.11	ug/l	97
3) Chloromethane	2.06	50	140334	21.78	ug/l	99
4) Vinyl Chloride	2.18	62	123706	17.84	ug/l	99
5) Bromomethane	2.56	94	84302	21.42	ug/l	100
6) Chloroethane	2.70	64	85426	21.26	ug/l	98
7) Trichlorofluoromethane	3.01	101	145155	15.95	ug/l	100
8) Diethyl Ether	3.41	74	75586	24.97	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	90030	16.36	ug/l	97
10) Methyl Iodide	3.95	142	73785	23.19	ug/l	99
11) Tert butyl alcohol	4.80	59	44690	140.22	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	92054	18.32	ug/l	97
13) Acrolein	3.61	56	12010	92.59	ug/l	100
14) Allyl chloride	4.33	41	160922	20.59	ug/l	99
15) Acrylonitrile	5.00	53	228656	130.63	ug/l	99
16) Acetone	3.82	43	202949	138.61	ug/l	100
17) Carbon Disulfide	4.05	76	274275	17.35	ug/l	99
18) Methyl Acetate	4.33	43	122768	29.54	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	328596	25.70	ug/l	100
20) Methylene Chloride	4.55	84	140609	24.70	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	113420	20.82	ug/l	97
22) Diisopropyl ether	5.96	45	403970	25.21	ug/l	93
23) Vinyl Acetate	5.90	43	1318904	125.82	ug/l	100
24) 1,1-Dichloroethane	5.85	63	233728	22.54	ug/l	99
25) 2-Butanone	6.84	43	313198	130.87	ug/l	98
26) 2,2-Dichloropropane	6.83	77	109927	15.84	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	139221	22.95	ug/l	97
28) Bromochloromethane	7.20	49	111109	23.55	ug/l	99
29) Tetrahydrofuran	7.22	42	169114	135.34	ug/l	99
30) Chloroform	7.37	83	239390	22.78	ug/l	97
31) Cyclohexane	7.66	56	138719	15.44	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	173756	19.65	ug/l	99
36) 1,1-Dichloropropene	7.80	75	140681	16.44	ug/l	99
37) Ethyl Acetate	6.93	43	118208	24.43	ug/l	98
38) Carbon Tetrachloride	7.78	117	140354	15.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	115353	13.02	ug/l	95
40) Benzene	8.04	78	517037	19.86	ug/l	100
41) Methacrylonitrile	7.18	41	63875	24.42	ug/l	97
42) 1,2-Dichloroethane	8.13	62	177630	22.26	ug/l	100
43) Isopropyl Acetate	8.17	43	204227	23.16	ug/l	98
44) Trichloroethene	8.84	130	124907	17.91	ug/l	100
45) 1,2-Dichloropropane	9.12	63	143226	20.66	ug/l	98
46) Dibromomethane	9.21	93	87901	21.47	ug/l	99
47) Bromodichloromethane	9.40	83	180460	20.63	ug/l	100
48) Methyl methacrylate	9.20	41	95822	21.60	ug/l	99
49) 1,4-Dioxane	9.20	88	27086	463.42	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	724126	121.43	ug/l	99
52) Toluene	10.16	92	303312	19.51	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	161192	19.78	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	192441	20.58	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	126127	21.72	ug/l	97
56) Ethyl methacrylate	10.43	69	146875	20.97	ug/l	99
57) 1,3-Dichloropropane	10.71	76	209591	22.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	369984	110.32	ug/l	99
59) 2-Hexanone	10.75	43	455153	118.26	ug/l	100
60) Dibromochloromethane	10.90	129	137390	21.43	ug/l	100
61) 1,2-Dibromoethane	11.01	107	123183	22.27	ug/l	100
64) Tetrachloroethene	10.63	164	111098	17.32	ug/l	98
65) Chlorobenzene	11.44	112	328397	19.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	132015	20.48	ug/l	100
67) Ethyl Benzene	11.51	91	487628	17.57	ug/l	99
68) m/p-Xylenes	11.62	106	380914	35.88	ug/l	99
69) o-Xylene	11.95	106	190901	18.86	ug/l	99
70) Styrene	11.97	104	310984	17.89	ug/l	100
71) Bromoform	12.13	173	93768	21.94	ug/l #	99
73) Isopropylbenzene	12.25	105	450706	18.65	ug/l	100
74) N-amyl acetate	12.07	43	148232	23.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	158694	27.23	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	127559m	25.02	ug/l	
77) Bromobenzene	12.53	156	138124	21.06	ug/l	96
78) n-propylbenzene	12.59	91	490647	18.21	ug/l	98
79) 2-Chlorotoluene	12.68	91	336835	20.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	374333	19.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30423	21.87	ug/l	97
82) 4-Chlorotoluene	12.77	91	328027	19.76	ug/l	100
83) tert-Butylbenzene	12.99	119	301499	17.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	387917	19.98	ug/l	99
85) sec-Butylbenzene	13.17	105	387422	17.65	ug/l	100
86) p-Isopropyltoluene	13.29	119	330998	17.80	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	215719	19.32	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	212229	19.15	ug/l	100
89) n-Butylbenzene	13.62	91	235810	15.70	ug/l	98
90) Hexachloroethane	13.88	117	64914	17.36	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	223707	20.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21314	24.72	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	83161	16.75	ug/l	97
94) Hexachlorobutadiene	15.01	225	51762	15.50	ug/l	98
95) Naphthalene	15.13	128	182481	18.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	88747	18.27	ug/l	97

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

