

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053205.D
 Acq On : 27 Dec 2018 11:56
 Operator : MD\SY
 Sample : VN1227WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:14:24 AM

Quant Time: Dec 28 01:17:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	833835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1283592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	467289	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.59	113	389320	66.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.80%	
50) Toluene-d8	10.09	98	1675831	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.40	95	579758	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154437	18.300	ug/l	100
3) Chloromethane	2.06	50	201021	19.657	ug/l	100
4) Vinyl Chloride	2.19	62	205739	19.865	ug/l	99
5) Bromomethane	2.57	94	132703	18.494	ug/l	100
6) Chloroethane	2.71	64	122971	20.048	ug/l	97
7) Trichlorofluoromethane	3.02	101	265395	20.570	ug/l	99
8) Diethyl Ether	3.41	74	104455	21.460	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	166830	20.280	ug/l	99
10) Methyl Iodide	3.96	142	221666	19.188	ug/l	100
11) Tert butyl alcohol	4.78	59	54862	106.258	ug/l	99
12) 1,1-Dichloroethene	3.74	96	160894	20.244	ug/l	98
13) Acrolein	3.61	56	47372	101.188	ug/l	95
14) Allyl chloride	4.33	41	272639	22.147	ug/l	95
15) Acrylonitrile	4.99	53	306835	106.973	ug/l	99
16) Acetone	3.82	43	189569	114.260	ug/l	99
17) Carbon Disulfide	4.06	76	428774	16.543	ug/l	100
18) Methyl Acetate	4.32	43	174122	23.656	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	464770	21.853	ug/l	100
20) Methylene Chloride	4.55	84	196568	21.720	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	171642	20.101	ug/l	98
22) Diisopropyl ether	5.95	45	592273	22.540	ug/l	100
23) Vinyl Acetate	5.90	43	1696950	112.306	ug/l	98
24) 1,1-Dichloroethane	5.85	63	340349	21.797	ug/l	99
25) 2-Butanone	6.83	43	326078	117.110	ug/l	100
26) 2,2-Dichloropropane	6.82	77	240718	20.195	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	205151	21.222	ug/l	100
28) Bromochloromethane	7.20	49	146186	21.606	ug/l	97
29) Tetrahydrofuran	7.21	42	229682	110.447	ug/l	100
30) Chloroform	7.37	83	329003	21.449	ug/l	99
31) Cyclohexane	7.65	56	302734	20.042	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	272121	20.825	ug/l	99
36) 1,1-Dichloropropene	7.80	75	246454	20.004	ug/l	100
37) Ethyl Acetate	6.93	43	150651	21.904	ug/l	99
38) Carbon Tetrachloride	7.78	117	234621	20.776	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	280077	18.713	ug/l	98
40) Benzene	8.04	78	774400	21.132	ug/l	99
41) Methacrylonitrile	7.17	41	90313	22.726	ug/l	96
42) 1,2-Dichloroethane	8.13	62	230361	21.279	ug/l	99
43) Isopropyl Acetate	8.16	43	281243	20.515	ug/l	99
44) Trichloroethene	8.83	130	209603	19.775	ug/l	98
45) 1,2-Dichloropropane	9.12	63	207910	21.781	ug/l	99
46) Dibromomethane	9.21	93	117614	21.151	ug/l	99
47) Bromodichloromethane	9.40	83	252677	21.377	ug/l	99
48) Methyl methacrylate	9.20	41	138671	20.778	ug/l	99
49) 1,4-Dioxane	9.20	88	33442	396.124	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	752238	112.939	ug/l	99
52) Toluene	10.16	92	479029	21.089	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	250926	20.189	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	299390	20.985	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	174219	21.985	ug/l	99
56) Ethyl methacrylate	10.43	69	220722	21.044	ug/l	98
57) 1,3-Dichloropropane	10.71	76	295207	21.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	618423	107.398	ug/l	98
59) 2-Hexanone	10.75	43	499698	110.886	ug/l	99
60) Dibromochloromethane	10.90	129	190228	20.971	ug/l	100
61) 1,2-Dibromoethane	11.01	107	169664	21.081	ug/l	99
64) Tetrachloroethene	10.63	164	225387	18.245	ug/l	99
65) Chlorobenzene	11.43	112	529328	20.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	185751	21.130	ug/l	98
67) Ethyl Benzene	11.51	91	898733	20.673	ug/l	99
68) m/p-Xylenes	11.62	106	682310	41.284	ug/l	100
69) o-Xylene	11.95	106	336381	21.210	ug/l	100
70) Styrene	11.96	104	549485	21.248	ug/l	100
71) Bromoform	12.13	173	126523	19.922	ug/l #	98
73) Isopropylbenzene	12.25	105	883916	21.535	ug/l	99
74) N-amyl acetate	12.07	43	241786	21.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	196759	24.435	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	167569m	18.975	ug/l	
77) Bromobenzene	12.53	156	229502	21.510	ug/l	98
78) n-propylbenzene	12.59	91	980914	20.984	ug/l	100
79) 2-Chlorotoluene	12.68	91	586823	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	697009	20.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	54410	19.858	ug/l	99
82) 4-Chlorotoluene	12.77	91	591309	20.847	ug/l	99
83) tert-Butylbenzene	12.99	119	622441	21.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	705157	20.967	ug/l	99
85) sec-Butylbenzene	13.17	105	803788	20.084	ug/l	100
86) p-Isopropyltoluene	13.29	119	694497	20.083	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	386461	20.466	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	384083	20.085	ug/l	99
89) n-Butylbenzene	13.62	91	548668	18.442	ug/l	100
90) Hexachloroethane	13.88	117	106707	20.108	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	376640	21.193	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28809	20.692	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	172450	18.693	ug/l	100
94) Hexachlorobutadiene	15.01	225	111855	21.295	ug/l	99
95) Naphthalene	15.13	128	373635	18.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	154602	18.556	ug/l	99

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

