

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053057.D
 Acq On : 20 Dec 2018 15:28
 Operator : MD\SY
 Sample : VN1220WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 9:21:19 AM

Quant Time: Dec 21 01:09:54 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	1034006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1590217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1396319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	556043	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.59	113	437075	60.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.34%	
50) Toluene-d8	10.09	98	2006579	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	686818	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	196422	18.770	ug/l	99
3) Chloromethane	2.06	50	240156	18.938	ug/l	99
4) Vinyl Chloride	2.19	62	243160	18.933	ug/l	99
5) Bromomethane	2.57	94	155980	17.529	ug/l	99
6) Chloroethane	2.71	64	146714	19.288	ug/l	99
7) Trichlorofluoromethane	3.03	101	313213	19.577	ug/l	98
8) Diethyl Ether	3.41	74	121984	20.210	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194003	19.018	ug/l	98
10) Methyl Iodide	3.96	142	276569	19.306	ug/l	98
11) Tert butyl alcohol	4.78	59	65541	102.367	ug/l	97
12) 1,1-Dichloroethene	3.74	96	192414	19.524	ug/l	96
13) Acrolein	3.61	56	56187	96.783	ug/l	98
14) Allyl chloride	4.33	41	289906	18.991	ug/l	99
15) Acrylonitrile	4.99	53	356379	100.193	ug/l	99
16) Acetone	3.82	43	219902	106.884	ug/l	95
17) Carbon Disulfide	4.06	76	527891	16.424	ug/l	99
18) Methyl Acetate	4.33	43	181397	20.032	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	541172	20.519	ug/l	99
20) Methylene Chloride	4.55	84	219479	19.557	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	202267	19.102	ug/l	99
22) Diisopropyl ether	5.95	45	667607	20.488	ug/l	99
23) Vinyl Acetate	5.90	43	1959798	104.593	ug/l	98
24) 1,1-Dichloroethane	5.85	63	383334	19.797	ug/l	99
25) 2-Butanone	6.84	43	371778	107.674	ug/l	98
26) 2,2-Dichloropropane	6.83	77	260705	17.638	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	235015	19.605	ug/l	99
28) Bromochloromethane	7.20	49	182878	21.796	ug/l	96
29) Tetrahydrofuran	7.21	42	267656	103.791	ug/l	98
30) Chloroform	7.37	83	372730	19.596	ug/l	100
31) Cyclohexane	7.65	56	365321	19.475	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	311972	19.253	ug/l	99
36) 1,1-Dichloropropene	7.79	75	284958	18.669	ug/l	99
37) Ethyl Acetate	6.93	43	179690	21.089	ug/l	99
38) Carbon Tetrachloride	7.78	117	260543	18.623	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	335089	18.072	ug/l	98
40) Benzene	8.04	78	889298	19.588	ug/l	99
41) Methacrylonitrile	7.17	41	104704	21.267	ug/l	95
42) 1,2-Dichloroethane	8.12	62	265205	19.774	ug/l	99
43) Isopropyl Acetate	8.17	43	328343	19.271	ug/l	99
44) Trichloroethene	8.84	130	243032	18.507	ug/l	99
45) 1,2-Dichloropropane	9.12	63	235084	19.879	ug/l	99
46) Dibromomethane	9.21	93	133958	19.446	ug/l	98
47) Bromodichloromethane	9.40	83	276410	18.876	ug/l	98
48) Methyl methacrylate	9.20	41	164116	19.849	ug/l	99
49) 1,4-Dioxane	9.20	88	41516	396.940	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	864051	104.712	ug/l	99
52) Toluene	10.16	92	550499	19.563	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	279485	18.150	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	333462	18.867	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	197116	20.078	ug/l	98
56) Ethyl methacrylate	10.43	69	258280	19.877	ug/l	97
57) 1,3-Dichloropropane	10.71	76	335056	19.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	744641	104.383	ug/l	98
59) 2-Hexanone	10.75	43	578276	103.579	ug/l	99
60) Dibromochloromethane	10.90	129	207346	18.451	ug/l	100
61) 1,2-Dibromoethane	11.00	107	193493	19.406	ug/l	100
64) Tetrachloroethene	10.63	164	280796	18.565	ug/l	100
65) Chlorobenzene	11.43	112	598042	19.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	208764	19.395	ug/l	99
67) Ethyl Benzene	11.51	91	1037078	19.483	ug/l	100
68) m/p-Xylenes	11.62	106	785394	38.812	ug/l	100
69) o-Xylene	11.95	106	380996	19.621	ug/l	99
70) Styrene	11.96	104	626744	19.794	ug/l	99
71) Bromoform	12.13	173	138330	17.790	ug/l #	99
73) Isopropylbenzene	12.25	105	1011723	20.094	ug/l	100
74) N-amyl acetate	12.07	43	289077	20.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	214010	21.666	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	194337m	17.940	ug/l	
77) Bromobenzene	12.53	156	258626	19.761	ug/l	99
78) n-propylbenzene	12.59	91	1128432	19.679	ug/l	99
79) 2-Chlorotoluene	12.68	91	676431	19.031	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	810785	19.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59322	17.650	ug/l	99
82) 4-Chlorotoluene	12.77	91	684340	19.668	ug/l	100
83) tert-Butylbenzene	12.99	119	712918	19.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	839814	20.357	ug/l	100
85) sec-Butylbenzene	13.17	105	926345	18.870	ug/l	99
86) p-Isopropyltoluene	13.29	119	800877	18.880	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	442894	19.120	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	433132	18.464	ug/l	98
89) n-Butylbenzene	13.62	91	638293	17.490	ug/l	100
90) Hexachloroethane	13.88	117	112928	17.348	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	424078	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32262	18.890	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	202142	17.889	ug/l	99
94) Hexachlorobutadiene	15.01	225	121665	18.537	ug/l	100
95) Naphthalene	15.13	128	438151	18.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	180883	17.722	ug/l	100

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

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