

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053019.D
 Acq On : 19 Dec 2018 18:50
 Operator : MD\SY
 Sample : VN1219WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 9:35:07 AM

Quant Time: Dec 20 06:42:20 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	1091544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1682165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1517231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	679006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	574077	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.59	113	440405	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	
50) Toluene-d8	10.09	98	2090798	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	713710	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	215731	19.528	ug/l	100
3) Chloromethane	2.06	50	266018	19.871	ug/l	99
4) Vinyl Chloride	2.19	62	267862	19.757	ug/l	98
5) Bromomethane	2.58	94	171478	18.255	ug/l	99
6) Chloroethane	2.71	64	158372	19.723	ug/l	98
7) Trichlorofluoromethane	3.02	101	341422	20.215	ug/l	98
8) Diethyl Ether	3.41	74	131372	20.618	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	212508	19.734	ug/l	98
10) Methyl Iodide	3.96	142	296429	19.601	ug/l	99
11) Tert butyl alcohol	4.78	59	73682	109.016	ug/l	100
12) 1,1-Dichloroethene	3.74	96	205069	19.711	ug/l	96
13) Acrolein	3.61	56	76877	125.442	ug/l	98
14) Allyl chloride	4.33	41	309112	19.181	ug/l	98
15) Acrylonitrile	4.99	53	392641	104.569	ug/l	100
16) Acetone	3.82	43	246973	113.714	ug/l	96
17) Carbon Disulfide	4.06	76	580345	17.104	ug/l	99
18) Methyl Acetate	4.33	43	199914	20.870	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	581047	20.870	ug/l	99
20) Methylene Chloride	4.55	84	238616	20.141	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	218822	19.576	ug/l	99
22) Diisopropyl ether	5.95	45	723101	21.021	ug/l	98
23) Vinyl Acetate	5.90	43	2103892	106.365	ug/l	99
24) 1,1-Dichloroethane	5.85	63	415618	20.333	ug/l	99
25) 2-Butanone	6.83	43	410128	112.520	ug/l	97
26) 2,2-Dichloropropane	6.83	77	261275	16.745	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	254150	20.083	ug/l	98
28) Bromochloromethane	7.20	49	182851	20.644	ug/l	95
29) Tetrahydrofuran	7.21	42	292682	107.513	ug/l	97
30) Chloroform	7.37	83	405009	20.170	ug/l	100
31) Cyclohexane	7.66	56	401856	20.339	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	334623	19.563	ug/l	99
36) 1,1-Dichloropropene	7.79	75	312577	19.360	ug/l	99
37) Ethyl Acetate	6.93	43	197468	21.908	ug/l	99
38) Carbon Tetrachloride	7.78	117	284449	19.221	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	371754	18.954	ug/l	97
40) Benzene	8.04	78	959231	19.973	ug/l	99
41) Methacrylonitrile	7.18	41	111011	21.316	ug/l	97
42) 1,2-Dichloroethane	8.12	62	283202	19.961	ug/l	98
43) Isopropyl Acetate	8.16	43	371237	20.671	ug/l	99
44) Trichloroethene	8.84	130	270101	19.444	ug/l	97
45) 1,2-Dichloropropane	9.12	63	255300	20.409	ug/l	98
46) Dibromomethane	9.21	93	147270	20.209	ug/l	98
47) Bromodichloromethane	9.40	83	301054	19.435	ug/l	98
48) Methyl methacrylate	9.20	41	179644	20.539	ug/l	98
49) 1,4-Dioxane	9.20	88	46304	418.520	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	949912	108.825	ug/l	99
52) Toluene	10.16	92	597815	20.083	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	300835	18.469	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	363058	19.418	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	209706	20.193	ug/l	99
56) Ethyl methacrylate	10.43	69	281199	20.458	ug/l	99
57) 1,3-Dichloropropane	10.71	76	362974	20.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	780383	103.414	ug/l	98
59) 2-Hexanone	10.75	43	634857	107.498	ug/l	99
60) Dibromochloromethane	10.90	129	227531	19.141	ug/l	100
61) 1,2-Dibromoethane	11.01	107	213288	20.223	ug/l	99
64) Tetrachloroethene	10.63	164	314091	19.111	ug/l	99
65) Chlorobenzene	11.43	112	659596	19.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	226548	19.370	ug/l	99
67) Ethyl Benzene	11.51	91	1135980	19.640	ug/l	100
68) m/p-Xylenes	11.62	106	895737	40.737	ug/l	99
69) o-Xylene	11.95	106	422951	20.046	ug/l	100
70) Styrene	11.96	104	687106	19.971	ug/l	99
71) Bromoform	12.13	173	153745	18.197	ug/l #	100
73) Isopropylbenzene	12.25	105	1111858	20.929	ug/l	100
74) N-amyl acetate	12.07	43	323292	21.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	231633	22.224	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	215561m	18.859	ug/l	
77) Bromobenzene	12.53	156	368536	26.687	ug/l	73
78) n-propylbenzene	12.59	91	1241176	20.513	ug/l	99
79) 2-Chlorotoluene	12.67	91	732910	19.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	871896	20.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65444	18.454	ug/l	98
82) 4-Chlorotoluene	12.77	91	734409	20.004	ug/l	99
83) tert-Butylbenzene	12.99	119	770056	20.107	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	879214	20.197	ug/l	100
85) sec-Butylbenzene	13.17	105	1011146	19.520	ug/l	99
86) p-Isopropyltoluene	13.29	119	865399	19.334	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	473650	19.379	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	477851	19.306	ug/l	100
89) n-Butylbenzene	13.62	91	690593	17.934	ug/l	99
90) Hexachloroethane	13.88	117	121432	17.679	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	447391	19.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33733	18.718	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	230631	19.294	ug/l	99
94) Hexachlorobutadiene	15.01	225	129146	18.667	ug/l	100
95) Naphthalene	15.13	128	545993	21.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	214522	19.856	ug/l	99

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

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