

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058757.D
 Acq On : 14 Oct 2019 18:23
 Operator : JC/SP
 Sample : VN1014WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:57:13 AM

Quant Time: Oct 15 04:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	387841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	632078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	282345	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	7.57	113	207003	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.08	98	796584	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.41	95	287435	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106403	22.028	ug/l	98
3) Chloromethane	2.04	50	121902	21.223	ug/l	100
4) Vinyl Chloride	2.17	62	122016	21.329	ug/l	100
5) Bromomethane	2.54	94	74399	21.378	ug/l	97
6) Chloroethane	2.68	64	76954	21.808	ug/l	97
7) Trichlorofluoromethane	3.00	101	149758	21.874	ug/l	100
8) Diethyl Ether	3.39	74	50831	20.094	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	82694	21.183	ug/l	98
10) Methyl Iodide	3.93	142	106904	20.068	ug/l	97
11) Tert butyl alcohol	4.76	59	90204	102.580	ug/l	100
12) 1,1-Dichloroethene	3.72	96	79421	21.323	ug/l	93
13) Acrolein	3.59	56	57816	81.751	ug/l	96
14) Allyl chloride	4.30	41	148798	19.796	ug/l	98
15) Acrylonitrile	4.96	53	239557	108.026	ug/l	99
16) Acetone	3.80	43	218283	97.107	ug/l	99
17) Carbon Disulfide	4.03	76	242947	20.405	ug/l	100
18) Methyl Acetate	4.30	43	123477	21.655	ug/l	96
19) Methyl tert-butyl Ether	5.02	73	278648	20.951	ug/l	96
20) Methylene Chloride	4.53	84	94518	20.119	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	86385	20.734	ug/l	100
22) Diisopropyl ether	5.93	45	308169	21.086	ug/l	97
23) Vinyl Acetate	5.87	43	1306183	110.762	ug/l	99
24) 1,1-Dichloroethane	5.82	63	176738	21.233	ug/l	100
25) 2-Butanone	6.81	43	333398	102.614	ug/l	99
26) 2,2-Dichloropropane	6.81	77	141246	18.590	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	99638	20.508	ug/l	98
28) Bromochloromethane	7.17	49	60903	21.032	ug/l	99
29) Tetrahydrofuran	7.19	42	225776	107.531	ug/l	99
30) Chloroform	7.35	83	176847	21.147	ug/l	99
31) Cyclohexane	7.64	56	159591	20.039	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	153397	21.508	ug/l	99
36) 1,1-Dichloropropene	7.78	75	128869	20.165	ug/l	99
37) Ethyl Acetate	6.91	43	143107	22.142	ug/l	98
38) Carbon Tetrachloride	7.76	117	136531	21.921	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	145721	19.650	ug/l	99
40) Benzene	8.03	78	386570	21.062	ug/l	99
41) Methacrylonitrile	7.17	41	69541m	22.985	ug/l	
42) 1,2-Dichloroethane	8.11	62	150845	21.392	ug/l	100
43) Isopropyl Acetate	8.15	43	225660	20.495	ug/l	100
44) Trichloroethene	8.82	130	93807	20.581	ug/l	100
45) 1,2-Dichloropropane	9.11	63	104422	21.252	ug/l	97
46) Dibromomethane	9.20	93	67179	21.565	ug/l	98
47) Bromodichloromethane	9.39	83	136751	21.557	ug/l	98
48) Methyl methacrylate	9.19	41	101520	20.341	ug/l	99
49) 1,4-Dioxane	9.19	88	35350	457.834	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	709322	114.711	ug/l	98
52) Toluene	10.15	92	235081	20.941	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	147243	20.238	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	161483	20.904	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	93686	20.390	ug/l	98
56) Ethyl methacrylate	10.43	69	138342	20.610	ug/l	99
57) 1,3-Dichloropropane	10.71	76	164982	21.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	325742	100.697	ug/l	100
59) 2-Hexanone	10.75	43	519250	108.660	ug/l	98
60) Dibromochloromethane	10.90	129	98951	20.877	ug/l	99
61) 1,2-Dibromoethane	11.00	107	96329	20.927	ug/l	99
64) Tetrachloroethene	10.63	164	84819	20.877	ug/l	96
65) Chlorobenzene	11.43	112	246073	20.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	94501	21.677	ug/l	98
67) Ethyl Benzene	11.51	91	442346	21.048	ug/l	99
68) m/p-Xylenes	11.62	106	326799	41.437	ug/l	98
69) o-Xylene	11.95	106	156779	20.546	ug/l	98
70) Styrene	11.97	104	256973	20.547	ug/l	99
71) Bromoform	12.13	173	67931	21.259	ug/l #	100
73) Isopropylbenzene	12.25	105	427343	21.326	ug/l	100
74) N-amyl acetate	12.07	43	191719	21.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	144578	21.901	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	129693m	21.366	ug/l	
77) Bromobenzene	12.53	156	101816	20.889	ug/l	100
78) n-propylbenzene	12.60	91	508867	21.792	ug/l	99
79) 2-Chlorotoluene	12.68	91	303985	20.974	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	364168	21.286	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42852	18.910	ug/l	88
82) 4-Chlorotoluene	12.78	91	313978	21.112	ug/l	99
83) tert-Butylbenzene	13.00	119	302896	20.667	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	358202	21.091	ug/l	98
85) sec-Butylbenzene	13.18	105	417594	21.624	ug/l	100
86) p-Isopropyltoluene	13.29	119	370194	21.092	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	182736	20.329	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	181818	19.894	ug/l	98
89) n-Butylbenzene	13.62	91	328524	20.243	ug/l	99
90) Hexachloroethane	13.88	117	67820	21.595	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	184015	21.004	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	31620	20.503	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	102461	19.172	ug/l	100
94) Hexachlorobutadiene	15.02	225	54700	19.436	ug/l	99
95) Naphthalene	15.13	128	294460	19.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	101177	19.391	ug/l	98

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

