

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059602.D
 Acq On : 16 Dec 2019 14:56
 Operator : JC/SP
 Sample : VN1216WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS03

Manual Integrations
 APPROVED

apatel
 12/17/2019 12:51:19 PM

Quant Time: Dec 17 05:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	254287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	405540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	369783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	173894	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.56	113	121534	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.08	98	482697	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	169523	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	59902	18.230	ug/l	99
3) Chloromethane	2.04	50	87162	16.716	ug/l	97
4) Vinyl Chloride	2.17	62	89120	18.023	ug/l	97
5) Bromomethane	2.55	94	53145	18.488	ug/l	100
6) Chloroethane	2.69	64	50501	18.172	ug/l	95
7) Trichlorofluoromethane	3.00	101	102021	18.804	ug/l	99
8) Diethyl Ether	3.38	74	32324	19.068	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51064	18.677	ug/l	99
10) Methyl Iodide	3.92	142	66025	18.241	ug/l	99
11) Tert butyl alcohol	4.74	59	48617	71.667	ug/l #	88
12) 1,1-Dichloroethene	3.71	96	48630	18.233	ug/l	97
13) Acrolein	3.58	56	32376	66.999	ug/l	99
14) Allyl chloride	4.29	41	96521	17.629	ug/l	98
15) Acrylonitrile	4.95	53	148438	90.461	ug/l	98
16) Acetone	3.79	43	160371	73.000	ug/l	98
17) Carbon Disulfide	4.03	76	153274	17.287	ug/l	99
18) Methyl Acetate	4.29	43	77537	16.844	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	173673	18.442	ug/l	98
20) Methylene Chloride	4.52	84	59592	18.782	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	53570	18.017	ug/l	97
22) Diisopropyl ether	5.92	45	187233	18.549	ug/l	94
23) Vinyl Acetate	5.86	43	799854	100.972	ug/l	99
24) 1,1-Dichloroethane	5.82	63	107234	18.754	ug/l	98
25) 2-Butanone	6.81	43	211275	80.423	ug/l	99
26) 2,2-Dichloropropane	6.80	77	97678	18.796	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	60649	18.408	ug/l	98
28) Bromochloromethane	7.17	49	22397	9.704	ug/l #	99
29) Tetrahydrofuran	7.18	42	137362	85.818	ug/l	100
30) Chloroform	7.35	83	105372	18.722	ug/l	100
31) Cyclohexane	7.63	56	98263	18.188	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	91852	18.102	ug/l	99
36) 1,1-Dichloropropene	7.77	75	79372	18.768	ug/l	100
37) Ethyl Acetate	6.90	43	88320	17.968	ug/l	99
38) Carbon Tetrachloride	7.75	117	80204	18.276	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	91420	19.057	ug/l	98
40) Benzene	8.02	78	234031	18.936	ug/l	99
41) Methacrylonitrile	7.15	41	33622m	16.574	ug/l	
42) 1,2-Dichloroethane	8.10	62	90211	19.059	ug/l	100
43) Isopropyl Acetate	8.14	43	140432	18.376	ug/l	100
44) Trichloroethene	8.82	130	59562	18.399	ug/l	100
45) 1,2-Dichloropropane	9.10	63	61959	18.565	ug/l	99
46) Dibromomethane	9.19	93	40692	18.610	ug/l	99
47) Bromodichloromethane	9.39	83	82054	18.822	ug/l	98
48) Methyl methacrylate	9.18	41	62081	17.905	ug/l	98
49) 1,4-Dioxane	9.18	88	13999	281.739	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	417446	91.616	ug/l	99
52) Toluene	10.14	92	143083	18.842	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	91784	18.205	ug/l	93
54) cis-1,3-Dichloropropene	9.83	75	98182	18.526	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	55554	18.643	ug/l	98
56) Ethyl methacrylate	10.42	69	78653	17.779	ug/l	98
57) 1,3-Dichloropropane	10.70	76	97013	18.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	144703	102.849	ug/l	100
59) 2-Hexanone	10.74	43	307594	85.655	ug/l	100
60) Dibromochloromethane	10.90	129	60194	18.508	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56855	17.990	ug/l	99
64) Tetrachloroethene	10.62	164	54203	15.724	ug/l	99
65) Chlorobenzene	11.43	112	146873	18.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	56000	18.426	ug/l	99
67) Ethyl Benzene	11.51	91	265110	18.356	ug/l	100
68) m/p-Xylenes	11.62	106	196795	36.900	ug/l	98
69) o-Xylene	11.94	106	93549	18.435	ug/l	98
70) Styrene	11.96	104	144541	17.728	ug/l	98
71) Bromoform	12.12	173	41085	17.984	ug/l #	98
73) Isopropylbenzene	12.25	105	251909	19.249	ug/l	100
74) N-amyl acetate	12.07	43	107695	17.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	79180	19.073	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	83545m	20.243	ug/l	
77) Bromobenzene	12.52	156	60745	18.874	ug/l	99
78) n-propylbenzene	12.59	91	293865	18.996	ug/l	100
79) 2-Chlorotoluene	12.67	91	174907	18.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	212690	19.205	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	29137	17.438	ug/l	96
82) 4-Chlorotoluene	12.77	91	181002	18.898	ug/l	100
83) tert-Butylbenzene	12.99	119	179611	19.151	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	209813	19.053	ug/l	100
85) sec-Butylbenzene	13.17	105	241608	19.366	ug/l	100
86) p-Isopropyltoluene	13.29	119	216239	19.137	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105904	17.895	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	104686	17.545	ug/l	98
89) n-Butylbenzene	13.61	91	194585	18.368	ug/l	98
90) Hexachloroethane	13.87	117	40436	18.932	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	104432	17.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18698	17.204	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	59821	15.873	ug/l	98
94) Hexachlorobutadiene	15.01	225	36173	18.735	ug/l	97
95) Naphthalene	15.12	128	169898	15.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61108	16.031	ug/l	97

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

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