Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN004998.D
Acq On : 27 Mar 2019 16:54
Operator : JU/SJ
Sample : K1560-09
Misc : MDL 8 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MDL-WATER-03-QT1-2019

Quant Time: Mar 28 04:49:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9773	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	41277	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	24728	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	55430	20.00	ng		0.00
76) Chrysene-d12	21.27	240	56214	20.00	ng		0.00
87) Perylene-d12	23.51	264	51356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	72501	128.26	ng		0.00
7) Phenol-d6	6.85	99	95833	127.82	ng		0.00
23) Nitrobenzene-d5	8.84	82	61928	90.76	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	57816	144.97	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	169919	91.06	ng		0.00
79) Terphenyl-d14	19.70	244	272329	93.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1466	7.117	ng	#	84
3) Pyridine	3.60	79	3861	6.707	ng		97
4) n-Nitrosodimethylamine	3.53	42	961	5.121	ng	#	90
6) Aniline	7.02	93	6871	7.197	ng		99
8) 2-Chlorophenol	7.24	128	5215	7.267	ng		99
9) Benzaldehyde	6.83	77	3448	8.003	ng		96
10) Phenol	6.88	94	5817	7.241	ng		92
11) bis(2-Chloroethyl)ether	7.11	93	4505	7.251	ng		99
12) 1,3-Dichlorobenzene	7.56	146	5792	7.408	ng		96
13) 1,4-Dichlorobenzene	7.71	146	5840	7.380	ng		98
14) 1,2-Dichlorobenzene	8.02	146	5601	7.395	ng		99
15) Benzyl Alcohol	7.92	79	3620	6.346	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	5670	7.565	ng		100
17) 2-Methylphenol	8.12	107	4005	7.151	ng		96
18) Hexachloroethane	8.73	117	1926	6.866	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	3597	7.318	ng	#	94
20) 3+4-Methylphenols	8.45	107	5040	6.628	ng		98
22) Acetophenone	8.50	105	7529	7.990	ng		100
24) Nitrobenzene	8.88	77	5409	7.833	ng		98
25) Isophorone	9.39	82	10133	7.623	ng		100
26) 2-Nitrophenol	9.59	139	2623	6.542	ng		99
27) 2,4-Dimethylphenol	9.64	122	4147	7.428	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	6430	7.807	ng		99
29) 2,4-Dichlorophenol	10.12	162	4613	7.190	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	5589	7.908	ng		98
31) Naphthalene	10.51	128	17356	8.059	ng		99
32) Benzoic acid	9.74	122	1110	7.881	ng		98
33) 4-Chloroaniline	10.63	127	6519	7.440	ng		99
34) Hexachlorobutadiene	10.77	225	3529	7.717	ng		100
35) Caprolactam	11.40	113	1126	5.360	ng		98
36) 4-Chloro-3-methylphenol	11.76	107	5060	7.300	ng		99
37) 2-Methylnaphthalene	12.13	142	12373	8.136	ng		98
38) 1-Methylnaphthalene	12.35	142	12150	8.165	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	6676	7.612	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	2345	8.949	ng		91
43) 2,4,6-Trichlorophenol	12.75	196	3619	6.650	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	3888	6.558	ng		99
46) 1,1'-Biphenyl	13.15	154	16824	8.039	ng		100
47) 2-Chloronaphthalene	13.19	162	12497	7.781	ng		99
48) 2-Nitroaniline	13.41	65	2708	6.334	ng		95
49) Acenaphthylene	14.04	152	21245	7.865	ng		100
50) Dimethylphthalate	13.78	163	16304	8.025	ng		99
51) 2,6-Dinitrotoluene	13.91	165	3493	7.556	ng		99
52) Acenaphthene	14.39	154	12192	8.023	ng		100
53) 3-Nitroaniline	14.25	138	3204	6.781	ng	#	97
54) 2,4-Dinitrophenol	14.46	184	684	9.466	ng	#	63
55) Dibenzofuran	14.72	168	19617	8.113	ng		100
56) 4-Nitrophenol	14.57	139	1720	4.621	ng		96
57) 2,4-Dinitrotoluene	14.70	165	4580	7.290	ng	#	96
58) Fluorene	15.37	166	15876	8.128	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.95	232	3802	6.916	ng	#	96
60) Diethylphthalate	15.15	149	16277	8.029	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	8281	8.218	ng		99
62) 4-Nitroaniline	15.41	138	3091	6.511	ng		96
63) Azobenzene	15.66	77	13324	7.895	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	1937	8.003	ng		99
66) n-Nitrosodiphenylamine	15.59	169	13758	7.880	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	5245	7.583	ng		99
68) Hexachlorobenzene	16.37	284	6339	7.822	ng		100
69) Atrazine	16.53	200	4696	7.528	ng		98
70) Pentachlorophenol	16.73	266	2067	4.851	ng		99
71) Phenanthrene	17.11	178	25181	8.085	ng		100
72) Anthracene	17.20	178	24443	7.885	ng		99
73) Carbazole	17.48	167	22296	7.901	ng		99
74) Di-n-butylphthalate	18.03	149	25497	7.418	ng		100
75) Fluoranthene	19.13	202	28674	8.070	ng		99
77) Benzidine	19.33	184	11837	6.757	ng		99
78) Pyrene	19.50	202	29544	7.871	ng		100
80) Butylbenzylphthalate	20.40	149	10106	6.626	ng		99
81) Benzo(a)anthracene	21.25	228	27706	7.912	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	9747	7.444	ng		99
83) Chrysene	21.30	228	26626	7.961	ng		100
84) Bis(2-ethylhexyl)phthalate	21.17	149	14359	6.804	ng		99
85) Di-n-octyl phthalate	22.04	149	23114	6.787	ng	#	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	26177	6.889	ng		98
88) Benzo(b)fluoranthene	22.83	252	26309	8.323	ng		99
89) Benzo(k)fluoranthene	22.88	252	23280	8.031	ng		99
90) Benzo(a)pyrene	23.41	252	22757	7.867	ng		100
91) Dibenzo(a,h)anthracene	25.77	278	21794	7.505	ng		99
92) Benzo(g,h,i)perylene	26.46	276	20927	7.286	ng		98

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

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