Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004987.D
Acq On : 26 Mar 2019 22:32
Operator : JU/SJ
Sample : K1560-08
Misc : LOQ 20 PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT1-2019

Quant Time: Mar 27 05:45:53 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	14297	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	62828	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	37421	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	86293	20.00	ng		0.00
76) Chrysene-d12	21.27	240	98688	20.00	ng		0.00
87) Perylene-d12	23.51	264	106926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	89088	107.73	ng		0.00
7) Phenol-d6	6.86	99	117626	107.24	ng		0.00
23) Nitrobenzene-d5	8.85	82	72028	69.35	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	73033	121.01	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	193341	68.46	ng		0.00
79) Terphenyl-d14	19.71	244	329160	64.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4912	16.300	ng		98
3) Pyridine	3.60	79	14423	17.127	ng		98
4) n-Nitrosodimethylamine	3.53	42	4357	15.870	ng	#	95
6) Aniline	7.02	93	23153	16.577	ng		99
8) 2-Chlorophenol	7.25	128	17527	16.696	ng		98
9) Benzaldehyde	6.83	77	12222	19.392	ng		99
10) Phenol	6.88	94	19573	16.654	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	15410	16.955	ng		98
12) 1,3-Dichlorobenzene	7.56	146	19148	16.742	ng		100
13) 1,4-Dichlorobenzene	7.71	146	19510	16.852	ng		99
14) 1,2-Dichlorobenzene	8.02	146	18773	16.944	ng		98
15) Benzyl Alcohol	7.92	79	13886	16.641	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	18831	17.173	ng		99
17) 2-Methylphenol	8.12	107	13666	16.679	ng		100
18) Hexachloroethane	8.74	117	6918	16.859	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	12549	17.453	ng		99
20) 3+4-Methylphenols	8.45	107	18603	16.722	ng		98
22) Acetophenone	8.50	105	25174	17.553	ng		100
24) Nitrobenzene	8.88	77	18390	17.496	ng		98
25) Isophorone	9.39	82	36128	17.855	ng		99
26) 2-Nitrophenol	9.59	139	10305	16.884	ng		100
27) 2,4-Dimethylphenol	9.64	122	14501	17.065	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	22199	17.708	ng		99
29) 2,4-Dichlorophenol	10.12	162	16675	17.074	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	18622	17.310	ng		99
31) Naphthalene	10.51	128	57056	17.406	ng		100
32) Benzoic acid	9.78	122	9676	18.143	ng		100
33) 4-Chloroaniline	10.63	127	23124	17.339	ng		99
34) Hexachlorobutadiene	10.78	225	12024	17.274	ng		100
35) Caprolactam	11.42	113	5868	18.350	ng		99
36) 4-Chloro-3-methylphenol	11.76	107	18386	17.427	ng		99
37) 2-Methylnaphthalene	12.13	142	41071	17.743	ng		100
38) 1-Methylnaphthalene	12.35	142	40194	17.746	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	22340	16.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	10698	17.934	ng		99
43) 2,4,6-Trichlorophenol	12.75	196	13754	16.700	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	15133	16.866	ng		98
46) 1,1'-Biphenyl	13.15	154	55373	17.483	ng		99
47) 2-Chloronaphthalene	13.19	162	41476	17.065	ng		99
48) 2-Nitroaniline	13.42	65	11151	17.235	ng		98
49) Acenaphthylene	14.05	152	71281	17.437	ng		99
50) Dimethylphthalate	13.79	163	54989	17.886	ng		99
51) 2,6-Dinitrotoluene	13.92	165	12375	17.689	ng		99
52) Acenaphthene	14.39	154	40058	17.420	ng		99
53) 3-Nitroaniline	14.25	138	12493	17.472	ng		100
54) 2,4-Dinitrophenol	14.46	184	5833	19.929	ng		95
55) Dibenzofuran	14.72	168	64630	17.663	ng		100
56) 4-Nitrophenol	14.56	139	9667	17.162	ng		97
57) 2,4-Dinitrotoluene	14.70	165	17244	18.138	ng		99
58) Fluorene	15.37	166	52818	17.869	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	14693	17.662	ng	#	100
60) Diethylphthalate	15.15	149	56098	18.286	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	27167	17.816	ng		99
62) 4-Nitroaniline	15.42	138	12947	18.022	ng		98
63) Azobenzene	15.66	77	45950	17.993	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9325	18.168	ng		97
66) n-Nitrosodiphenylamine	15.59	169	46087	16.955	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	18552	17.228	ng		97
68) Hexachlorobenzene	16.37	284	21434	16.989	ng		98
69) Atrazine	16.54	200	17282	17.796	ng		99
70) Pentachlorophenol	16.72	266	10654	16.062	ng		99
71) Phenanthrene	17.12	178	84322	17.391	ng		100
72) Anthracene	17.20	178	84640	17.538	ng		99
73) Carbazole	17.49	167	78159	17.792	ng		99
74) Di-n-butylphthalate	18.03	149	96335	18.002	ng		100
75) Fluoranthene	19.13	202	101500	18.349	ng		100
77) Benzidine	19.33	184	45665	14.848	ng		97
78) Pyrene	19.50	202	104168	15.808	ng		99
80) Butylbenzylphthalate	20.40	149	44657	16.678	ng		96
81) Benzo(a)anthracene	21.26	228	107454	17.480	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	41968	18.257	ng		99
83) Chrysene	21.31	228	103347	17.601	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	65617	17.712	ng		100
85) Di-n-octyl phthalate	22.05	149	114731	19.190	ng		99
86) Indeno(1,2,3-cd)pyrene	25.77	276	127128	19.058	ng		100
88) Benzo(b)fluoranthene	22.84	252	111556	16.950	ng		98
89) Benzo(k)fluoranthene	22.88	252	106126	17.584	ng		100
90) Benzo(a)pyrene	23.42	252	104022	17.271	ng		99
91) Dibenzo(a,h)anthracene	25.78	278	105224	17.403	ng		99
92) Benzo(g,h,i)perylene	26.47	276	100908	16.875	ng		98

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

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