Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004985.D
Acq On : 26 Mar 2019 21:21
Operator : JU/SJ
Sample : K1560-07
Misc : LOD 8 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 27 08:11:10 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	9725	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	41435	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	25223	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	58762	20.00	ng		0.00
76) Chrysene-d12	21.27	240	65615	20.00	ng		0.00
87) Perylene-d12	23.51	264	64618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	59876	106.45	ng		0.00
7) Phenol-d6	6.85	99	78788	105.61	ng		0.00
23) Nitrobenzene-d5	8.84	82	55539	81.08	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	47693	117.24	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	151771	79.74	ng		0.00
79) Terphenyl-d14	19.71	244	262391	76.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1504	7.337	ng	#	83
3) Pyridine	3.60	79	4118	7.189	ng		98
4) n-Nitrosodimethylamine	3.53	42	1029	5.510	ng	#	93
8) 2-Chlorophenol	7.24	128	5446	7.627	ng		98
10) Phenol	6.88	94	6189	7.742	ng		96
11) bis(2-Chloroethyl)ether	7.11	93	4771	7.717	ng		96
12) 1,3-Dichlorobenzene	7.56	146	6142	7.895	ng		99
13) 1,4-Dichlorobenzene	7.71	146	6184	7.853	ng		99
14) 1,2-Dichlorobenzene	8.02	146	5970	7.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	5954	7.983	ng		85
17) 2-Methylphenol	8.12	107	4294	7.705	ng		99
18) Hexachloroethane	8.73	117	2046	7.330	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	3887	7.947	ng	#	94
20) 3+4-Methylphenols	8.45	107	5694	7.525	ng		99
22) Acetophenone	8.50	105	7977	8.434	ng		99
24) Nitrobenzene	8.88	77	5729	8.264	ng		100
25) Isophorone	9.39	82	11195	8.390	ng		99
26) 2-Nitrophenol	9.59	139	2923	7.262	ng		99
27) 2,4-Dimethylphenol	9.64	122	4306	7.684	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	6976	8.438	ng		99
29) 2,4-Dichlorophenol	10.12	162	5006	7.772	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	5844	8.237	ng		98
31) Naphthalene	10.51	128	18410	8.516	ng		99
34) Hexachlorobutadiene	10.78	225	3722	8.108	ng		97
35) Caprolactam	11.40	113	1340	6.354	ng		97
36) 4-Chloro-3-methylphenol	11.76	107	5494	7.896	ng		98
37) 2-Methylnaphthalene	12.13	142	13124	8.597	ng		98
38) 1-Methylnaphthalene	12.35	142	12890	8.629	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	7074	7.907	ng		98
41) Hexachlorocyclopentadiene	12.46	237	2526	9.199	ng		94
43) 2,4,6-Trichlorophenol	12.75	196	4143	7.463	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	4267	7.056	ng		98
46) 1,1'-Biphenyl	13.15	154	18039	8.450	ng		99
47) 2-Chloronaphthalene	13.19	162	13413	8.188	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.41	65	3090	7.086	ng		95
49) Acenaphthylene	14.04	152	22961	8.333	ng		99
50) Dimethylphthalate	13.78	163	17759	8.570	ng		99
52) Acenaphthene	14.39	154	13027	8.405	ng		99
53) 3-Nitroaniline	14.25	138	3687	7.650	ng	#	94
55) Dibenzofuran	14.72	168	21389	8.672	ng		99
57) 2,4-Dinitrotoluene	14.70	165	5166	8.061	ng	#	98
58) Fluorene	15.37	166	17248	8.657	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	4315	7.695	ng	#	95
60) Diethylphthalate	15.15	149	18052	8.730	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	8898	8.657	ng		98
62) 4-Nitroaniline	15.41	138	3632	7.501	ng		97
63) Azobenzene	15.66	77	14732	8.558	ng		98
66) n-Nitrosodiphenylamine	15.59	169	15114	8.165	ng		98
67) 4-Bromophenyl-phenylether	16.26	248	5873	8.009	ng		98
68) Hexachlorobenzene	16.37	284	6892	8.022	ng		99
69) Atrazine	16.53	200	5441	8.228	ng		99
71) Phenanthrene	17.12	178	27904	8.451	ng		99
72) Anthracene	17.20	178	27170	8.267	ng		100
73) Carbazole	17.48	167	25267	8.447	ng		99
74) Di-n-butylphthalate	18.03	149	30009	8.235	ng		100
75) Fluoranthene	19.13	202	33046	8.773	ng		100
77) Benzidine	19.33	184	14163	6.926	ng		98
78) Pyrene	19.50	202	34433	7.859	ng		99
80) Butylbenzylphthalate	20.40	149	13549	7.611	ng		97
81) Benzo(a)anthracene	21.26	228	34673	8.483	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	12734	8.332	ng		98
83) Chrysene	21.31	228	33648	8.619	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	20111	8.165	ng		99
85) Di-n-octyl phthalate	22.05	149	33706	8.479	ng	#	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	34379	7.751	ng		99
88) Benzo(b)fluoranthene	22.83	252	33498	8.422	ng		99
89) Benzo(k)fluoranthene	22.88	252	31969	8.765	ng		100
90) Benzo(a)pyrene	23.41	252	30561	8.397	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	28393	7.770	ng		99
92) Benzo(g,h,i)perylene	26.46	276	27040	7.483	ng		98

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

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