Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040188.D
Acq On : 28 Mar 2019 1:47
Operator : JU/SJ
Sample : K1560-07
Misc : LOD 8PPM
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/29/2019 4:48:19 PM

Quant Time: Mar 29 04:02:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61557	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	244301	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	149579	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	350849	20.00	ng		0.00
76) Chrysene-d12	21.72	240	366987	20.00	ng		0.00
87) Perylene-d12	25.02	264	371431	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	385452	104.10	ng		0.00
7) Phenol-d6	7.22	99	531226	103.81	ng		0.00
23) Nitrobenzene-d5	9.25	82	379549	82.58	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	181104	112.03	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	847518	83.96	ng		0.00
79) Terphenyl-d14	20.04	244	1288989	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	12719	7.305	ng	#	95
3) Pyridine	3.93	79	37412	7.980	ng		92
4) n-Nitrosodimethylamine	3.86	42	16362	7.545	ng	#	86
6) Aniline	7.40	93	49958	7.514	ng		97
8) 2-Chlorophenol	7.63	128	32429	7.481	ng		98
9) Benzaldehyde	7.21	77	30197	8.602	ng		96
10) Phenol	7.25	94	41672	7.502	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	35659	8.015	ng		97
12) 1,3-Dichlorobenzene	7.96	146	37038	7.860	ng		99
13) 1,4-Dichlorobenzene	8.11	146	37196	7.926	ng		96
14) 1,2-Dichlorobenzene	8.42	146	37009	8.246	ng		96
15) Benzyl Alcohol	8.31	79	29254	7.098	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	68796	8.057	ng		100
17) 2-Methylphenol	8.51	107	28800	7.493	ng		89
18) Hexachloroethane	9.15	117	14709	8.240	ng	#	79
19) n-Nitroso-di-n-propylamine	8.87	70	27696	7.548	ng		93
20) 3+4-Methylphenols	8.83	107	38110	7.319	ng		97
22) Acetophenone	8.90	105	53652	8.804	ng	#	95
24) Nitrobenzene	9.29	77	40575	8.525	ng		96
25) Isophorone	9.80	82	80818	8.546	ng		99
26) 2-Nitrophenol	10.00	139	17586	7.798	ng		95
27) 2,4-Dimethylphenol	10.04	122	27639	7.716	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	47961	8.572	ng		97
29) 2,4-Dichlorophenol	10.53	162	30989	7.970	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	37388	8.757	ng		97
31) Naphthalene	10.94	128	113194	9.039	ng		99
32) Benzoic acid	10.14	122	10891m	5.032	ng		
33) 4-Chloroaniline	11.05	127	44157	8.267	ng		97
34) Hexachlorobutadiene	11.20	225	24079	8.818	ng	#	82
35) Caprolactam	11.81	113	11288	7.315	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	35000	7.830	ng		98
37) 2-Methylnaphthalene	12.54	142	80202	8.660	ng		99
38) 1-Methylnaphthalene	12.75	142	79029	8.800	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	42377	8.914	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	18221	6.980	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	23622	7.707	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	26812	8.025	ng		95
46) 1,1'-Biphenyl	13.53	154	105835	8.955	ng		99
47) 2-Chloronaphthalene	13.58	162	79006	8.715	ng		100
48) 2-Nitroaniline	13.79	65	23492	7.682	ng		96
49) Acenaphthylene	14.43	152	138533	9.013	ng		100
50) Dimethylphthalate	14.15	163	103945	8.879	ng		98
51) 2,6-Dinitrotoluene	14.28	165	21320	8.111	ng		98
52) Acenaphthene	14.76	154	77924	8.847	ng		96
53) 3-Nitroaniline	14.62	138	22131	7.954	ng		98
54) 2,4-Dinitrophenol	14.82	184	7565	5.412	ng		89
55) Dibenzofuran	15.10	168	129157	9.126	ng		96
56) 4-Nitrophenol	14.91	139	15704	6.993	ng		93
57) 2,4-Dinitrotoluene	15.06	165	28806	7.887	ng		88
58) Fluorene	15.74	166	102058	9.172	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	23633	7.795	ng		99
60) Diethylphthalate	15.50	149	104563	8.729	ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	51543	8.666	ng		91
62) 4-Nitroaniline	15.77	138	24434	8.183	ng		93
63) Azobenzene	16.03	77	101549	8.987	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	12697	6.441	ng		92
66) n-Nitrosodiphenylamine	15.95	169	89231	8.691	ng		93
67) 4-Bromophenyl-phenylether	16.63	248	34625	8.770	ng		95
68) Hexachlorobenzene	16.74	284	34855	8.780	ng		93
69) Atrazine	16.88	200	32222	8.437	ng		97
70) Pentachlorophenol	17.09	266	14429	6.287	ng		94
71) Phenanthrene	17.49	178	167962	9.108	ng		98
72) Anthracene	17.58	178	164804	8.928	ng		99
73) Carbazole	17.85	167	157095	8.993	ng		99
74) Di-n-butylphthalate	18.38	149	179278	8.658	ng		99
75) Fluoranthene	19.49	202	205583	9.415	ng		98
77) Benzidine	19.67	184	86675	6.540	ng		99
78) Pyrene	19.86	202	212820	8.818	ng		97
80) Butylbenzylphthalate	20.73	149	80534	7.798	ng		92
81) Benzo(a)anthracene	21.70	228	199196	8.812	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	66164	7.695	ng		98
83) Chrysene	21.77	228	190975	8.791	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	113508	7.689	ng		100
85) Di-n-octyl phthalate	22.80	149	194522	7.734	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	212530	7.999	ng	#	86
88) Benzo(b)fluoranthene	23.96	252	202505	8.905	ng		97
89) Benzo(k)fluoranthene	24.03	252	188725	9.025	ng		97
90) Benzo(a)pyrene	24.86	252	187204	8.774	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	171192	8.639	ng		99
92) Benzo(g,h,i)perylene	29.98	276	172784	8.484	ng		97

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

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