Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041817.D
Acq On : 31 Jul 2019 1:04
Operator : HP/JU
Sample : K4045-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW7-20190726

Quant Time: Jul 31 04:10:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	79305	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	302022	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	205089	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	519161	20.00	ng		0.00
76) Chrysene-d12	21.73	240	653928	20.00	ng		0.00
87) Perylene-d12	25.00	264	424822	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	515762	126.53	ng		0.00
7) Phenol-d6	7.19	99	630460	114.73	ng		0.00
23) Nitrobenzene-d5	9.20	82	482894	110.03	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	393666	168.99	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1269682	109.19	ng		0.00
79) Terphenyl-d14	20.07	244	2454066	85.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	8824	4.599	ng	#	84
3) Pyridine	3.92	79	12130	2.306	ng		85
4) n-Nitrosodimethylamine	3.79	42	8901	4.268	ng	#	97
8) 2-Chlorophenol	7.61	128	23800	5.099	ng		92
9) Benzaldehyde	7.17	77	18322	4.738	ng		96
10) Phenol	7.22	94	32376	5.663	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	21771	4.632	ng		92
12) 1,3-Dichlorobenzene	7.94	146	28791	4.726	ng		87
13) 1,4-Dichlorobenzene	8.08	146	27262	4.473	ng		93
14) 1,2-Dichlorobenzene	8.40	146	25750	4.427	ng		97
15) Benzyl Alcohol	8.28	79	10793	2.497	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	35280	4.219	ng		94
17) 2-Methylphenol	8.48	107	19079	4.589	ng		96
18) Hexachloroethane	9.14	117	9788	4.689	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	16558	4.150	ng	#	84
20) 3+4-Methylphenols	8.81	107	25356	4.457	ng		96
22) Acetophenone	8.86	105	34264	5.072	ng	#	96
24) Nitrobenzene	9.25	77	26198	5.666	ng		93
25) Isophorone	9.78	82	44237	4.633	ng		97
26) 2-Nitrophenol	9.97	139	12249	5.708	ng		89
27) 2,4-Dimethylphenol	10.03	122	18066	4.770	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	21164	3.547	ng		98
29) 2,4-Dichlorophenol	10.51	162	24582	5.330	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	28074	4.800	ng		97
31) Naphthalene	10.92	128	71005	5.137	ng		99
32) Benzoic acid	10.03	122	18066	14.191	ng	#	13
34) Hexachlorobutadiene	11.21	225	19386	4.911	ng		95
35) Caprolactam	11.76	113	9704	6.054	ng	#	53
36) 4-Chloro-3-methylphenol	12.14	107	23902	5.227	ng		97
37) 2-Methylnaphthalene	12.53	142	52903	4.835	ng		94
38) 1-Methylnaphthalene	12.75	142	50811	4.900	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34537	5.320	ng	#	98
41) Hexachlorocyclopentadiene	12.88	237	11926	3.267	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	19407	4.730	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.21	196	21258	4.986	ng	#	90
46) 1,1'-Biphenyl	13.53	154	72016	5.463	ng		96
47) 2-Chloronaphthalene	13.58	162	55828	4.974	ng		92
48) 2-Nitroaniline	13.76	65	7152	2.512	ng		97
49) Acenaphthylene	14.42	152	84023	5.004	ng		95
50) Dimethylphthalate	14.15	163	141116	10.075	ng		98
51) 2,6-Dinitrotoluene	14.26	165	15933	5.440	ng	#	83
52) Acenaphthene	14.76	154	51948	4.757	ng		98
54) 2,4-Dinitrophenol	14.81	184	1573	4.491	ng	#	83
55) Dibenzofuran	15.10	168	92331	5.528	ng	#	88
56) 4-Nitrophenol	14.90	139	10123	4.256	ng		88
57) 2,4-Dinitrotoluene	15.05	165	20025	4.972	ng	#	90
58) Fluorene	15.75	166	75719	5.649	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.33	232	16742	3.964	ng	#	97
60) Diethylphthalate	15.51	149	74028	5.383	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	41514	5.073	ng		88
63) Azobenzene	16.03	77	50197	4.469	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	6275	8.969	ng		92
67) 4-Bromophenyl-phenylether	16.64	248	27521	4.303	ng		94
68) Hexachlorobenzene	16.76	284	28721	4.293	ng	#	91
70) Pentachlorophenol	17.12	266	8465	2.227	ng		87
71) Phenanthrene	17.49	178	138005	5.546	ng		92
72) Anthracene	17.49	178	138005	5.561	ng		93
74) Di-n-butylphthalate	18.42	149	159199	6.304	ng	#	90
75) Fluoranthene	19.50	202	205652	6.799	ng		87
78) Pyrene	19.86	202	205372	5.301	ng	#	86
80) Butylbenzylphthalate	20.75	149	74492	5.015	ng		92
81) Benzo(a)anthracene	21.71	228	214921	5.555	ng		90
83) Chrysene	21.78	228	208763	5.629	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	114380	5.582	ng		92
85) Di-n-octyl phthalate	22.86	149	186644	5.412	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.73	276	216781	4.416	ng	#	83
88) Benzo(b)fluoranthene	23.96	252	219643	9.451	ng	#	95
89) Benzo(k)fluoranthene	24.03	252	198864	8.785	ng	#	96
90) Benzo(a)pyrene	24.84	252	156057	7.002	ng		94
91) Dibenzo(a,h)anthracene	28.80	278	192635	8.802	ng	#	93
92) Benzo(g,h,i)perylene	29.89	276	174171	7.966	ng		95

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

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