Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041821.D
Acq On : 31 Jul 2019 3:36
Operator : HP/JU
Sample : K4021-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 31 07:03:13 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

Instrument : BNA_G
ClientSampleId : TP-10MS

Manual Integrations APPROVED
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8/1/2019 5:05:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	92318	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	348311	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	277261	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	620299	20.00	ng		0.00
76) Chrysene-d12	21.74	240	667022	20.00	ng		0.00
87) Perylene-d12	25.01	264	791448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	598793	126.20	ng		0.00
7) Phenol-d6	7.20	99	773960	120.99	ng		0.00
23) Nitrobenzene-d5	9.21	82	548457	108.36	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	500253	158.85	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1497817	95.28	ng		0.00
79) Terphenyl-d14	20.07	244	2490199	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	79420	35.562	ng	#	37
3) Pyridine	3.88	79	174761	28.536	ng		90
4) n-Nitrosodimethylamine	3.78	42	99500	40.984	ng		91
6) Aniline	7.36	93	154001	17.097	ng		96
8) 2-Chlorophenol	7.61	128	260826	48.005	ng		94
9) Benzaldehyde	7.17	77	132348	29.403	ng		97
10) Phenol	7.23	94	278496	41.848	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	233311	42.644	ng		93
12) 1,3-Dichlorobenzene	7.94	146	297484	41.950	ng		98
13) 1,4-Dichlorobenzene	8.08	146	304824	42.959	ng		98
14) 1,2-Dichlorobenzene	8.40	146	284762	42.058	ng		95
15) Benzyl Alcohol	8.28	79	225943	44.896	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	387562	39.817	ng		98
17) 2-Methylphenol	8.48	107	221182	45.700	ng		99
18) Hexachloroethane	9.14	117	105617	43.466	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	197259	42.474	ng	#	91
20) 3+4-Methylphenols	8.81	107	304610	45.992	ng		99
22) Acetophenone	8.87	105	385062	49.425	ng	#	91
24) Nitrobenzene	9.25	77	275602	51.686	ng		97
25) Isophorone	9.78	82	553024	50.227	ng		99
26) 2-Nitrophenol	9.97	139	152775	61.733	ng		94
27) 2,4-Dimethylphenol	10.03	122	261077	59.773	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	325521	47.310	ng		99
29) 2,4-Dichlorophenol	10.51	162	304341	57.217	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	320239	47.478	ng		99
31) Naphthalene	10.92	128	793449	49.773	ng		97
32) Benzoic acid	10.15	122	89011	32.068	ng		94
33) 4-Chloroaniline	11.02	127	26686	3.530	ng		95
34) Hexachlorobutadiene	11.22	225	210379	46.214	ng		100
35) Caprolactam	11.79	113	88385m	47.814	ng		
36) 4-Chloro-3-methylphenol	12.14	107	320729	60.821	ng		95
37) 2-Methylnaphthalene	12.53	142	636681	50.458	ng		99
38) 1-Methylnaphthalene	12.75	142	609344	50.958	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	405668	46.222	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	407088	82.500	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	293953	52.992	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	321546	55.781	ng		93
46) 1,1'-Biphenyl	13.54	154	849914	47.686	ng		97
47) 2-Chloronaphthalene	13.58	162	697702	45.979	ng		96
48) 2-Nitroaniline	13.77	65	211867	55.051	ng		91
49) Acenaphthylene	14.42	152	1132886	49.910	ng		99
50) Dimethylphthalate	14.15	163	1004085	53.026	ng		100
51) 2,6-Dinitrotoluene	14.26	165	233745	59.034	ng		90
52) Acenaphthene	14.76	154	784966	53.171	ng		99
53) 3-Nitroaniline	14.59	138	55234	13.039	ng	#	94
54) 2,4-Dinitrophenol	14.80	184	223580	89.222	ng		91
55) Dibenzofuran	15.10	168	1128497	49.976	ng		96
56) 4-Nitrophenol	14.90	139	349673	108.750	ng		95
57) 2,4-Dinitrotoluene	15.06	165	319757	58.723	ng		91
58) Fluorene	15.75	166	917659	50.640	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	315328	55.231	ng		93
60) Diethylphthalate	15.52	149	936846	50.394	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	548153	49.549	ng		94
62) 4-Nitroaniline	15.76	138	230371	50.210	ng		98
63) Azobenzene	16.04	77	749461	49.351	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	183957	58.795	ng		87
66) n-Nitrosodiphenylamine	15.96	169	878413	51.988	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	378849	49.582	ng		96
68) Hexachlorobenzene	16.76	284	378191	47.311	ng		93
69) Atrazine	16.90	200	299602	45.129	ng		99
70) Pentachlorophenol	17.10	266	439720	96.832	ng		98
71) Phenanthrene	17.50	178	1474948	49.607	ng		98
72) Anthracene	17.59	178	1509531	50.906	ng		96
73) Carbazole	17.85	167	1359310	51.073	ng		97
74) Di-n-butylphthalate	18.42	149	1507915	49.975	ng		97
75) Fluoranthene	19.51	202	1829832	50.631	ng		94
77) Benzidine	19.68	184	137471	6.314	ng		98
78) Pyrene	19.86	202	1855969	46.963	ng		96
80) Butylbenzylphthalate	20.76	149	790721	52.186	ng		90
81) Benzo(a)anthracene	21.72	228	1915995	48.550	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	388890	24.544	ng		98
83) Chrysene	21.79	228	1861663	49.213	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1098701	52.567	ng		99
85) Di-n-octyl phthalate	22.87	149	1871355	53.201	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2583212	51.585	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	2193288m	50.658	ng		
89) Benzo(k)fluoranthene	24.05	252	2034712	48.245	ng	#	98
90) Benzo(a)pyrene	24.86	252	2142080	51.587	ng	#	97
91) Dibenzo(a,h)anthracene	28.84	278	2091679	51.301	ng	#	97
92) Benzo(g,h,i)perylene	29.93	276	2137411	52.471	ng		96

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

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