Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042431.D
Acq On : 23 Aug 2019 13:00
Operator : HP/JU
Sample : PB122423BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:45 PM

Quant Time: Aug 23 17:52:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	90085	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	369645	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	218342	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	460593	20.00	ng		0.00
76) Chrysene-d12	21.69	240	455485	20.00	ng		0.00
87) Perylene-d12	24.94	264	536274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	584658	131.44	ng		0.00
7) Phenol-d6	7.17	99	722429	120.24	ng		0.00
23) Nitrobenzene-d5	9.17	82	350507	65.53	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	282802	91.13	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	846491	65.57	ng		0.00
79) Terphenyl-d14	20.03	244	1380925	65.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	75753	40.810	ng	#	95
3) Pyridine	3.82	79	183089	38.466	ng		96
4) n-Nitrosodimethylamine	3.73	42	69616	40.950	ng		79
6) Aniline	7.32	93	283785	35.413	ng		99
8) 2-Chlorophenol	7.56	128	252671	46.872	ng		96
9) Benzaldehyde	7.13	77	164511	54.691	ng		97
10) Phenol	7.19	94	292961	47.957	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	222054	46.284	ng		99
12) 1,3-Dichlorobenzene	7.89	146	271420	39.579	ng		99
13) 1,4-Dichlorobenzene	8.03	146	275736	39.696	ng		97
14) 1,2-Dichlorobenzene	8.36	146	262642	39.483	ng		99
15) Benzyl Alcohol	8.24	79	177934	41.164	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	278773	42.871	ng		100
17) 2-Methylphenol	8.45	107	204950	45.550	ng		95
18) Hexachloroethane	9.09	117	91252	38.373	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	158756	40.785	ng		98
20) 3+4-Methylphenols	8.79	107	275793	44.296	ng		98
22) Acetophenone	8.83	105	330783	41.839	ng	#	98
24) Nitrobenzene	9.21	77	226563	41.827	ng		98
25) Isophorone	9.74	82	425703	40.326	ng		97
26) 2-Nitrophenol	9.93	139	143435	42.255	ng		94
27) 2,4-Dimethylphenol	9.99	122	224837	48.084	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	278014	41.784	ng		99
29) 2,4-Dichlorophenol	10.48	162	250147	40.889	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	266520	35.493	ng		98
31) Naphthalene	10.87	128	706647	41.176	ng		99
32) Benzoic acid	10.14	122	120883	37.728	ng		99
33) 4-Chloroaniline	10.98	127	179144	22.613	ng		99
34) Hexachlorobutadiene	11.17	225	159972	31.699	ng		98
35) Caprolactam	11.75	113	75622m	37.045	ng		
36) 4-Chloro-3-methylphenol	12.12	107	211229	36.372	ng		96
37) 2-Methylnaphthalene	12.49	142	506302	36.742	ng		99
38) 1-Methylnaphthalene	12.71	142	453988	34.684	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	274760	39.186	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	326226	88.572	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	193035	40.729	ng		94
44) 2,4,5-Trichlorophenol	13.18	196	199300	40.579	ng		97
46) 1,1'-Biphenyl	13.49	154	589014	41.733	ng		98
47) 2-Chloronaphthalene	13.54	162	469443	38.574	ng		99
48) 2-Nitroaniline	13.74	65	114388	38.978	ng		98
49) Acenaphthylene	14.39	152	801443	43.773	ng		98
50) Dimethylphthalate	14.12	163	581949	36.939	ng		99
51) 2,6-Dinitrotoluene	14.23	165	154731	42.372	ng		97
52) Acenaphthene	14.73	154	445488	40.071	ng		99
53) 3-Nitroaniline	14.56	138	100939	27.639	ng		99
54) 2,4-Dinitrophenol	14.78	184	149060	62.076	ng		96
55) Dibenzofuran	15.06	168	712462	38.715	ng		99
56) 4-Nitrophenol	14.89	139	228915	88.212	ng		90
57) 2,4-Dinitrotoluene	15.03	165	196845	37.644	ng		97
58) Fluorene	15.71	166	593142	39.429	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	177836	36.614	ng	#	88
60) Diethylphthalate	15.48	149	555034	36.040	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	328269	36.200	ng		100
62) 4-Nitroaniline	15.73	138	157234	40.228	ng		92
63) Azobenzene	16.00	77	457567	43.360	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	125998	43.632	ng		98
66) n-Nitrosodiphenylamine	15.92	169	551226	43.518	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	216101	36.989	ng		98
68) Hexachlorobenzene	16.72	284	219954	34.633	ng	#	94
69) Atrazine	16.87	200	184426	41.173	ng		99
70) Pentachlorophenol	17.07	266	266295	80.698	ng		99
71) Phenanthrene	17.46	178	970360	42.414	ng		98
72) Anthracene	17.55	178	1058921	46.364	ng		98
73) Carbazole	17.82	167	911583	44.783	ng		99
74) Di-n-butylphthalate	18.38	149	981282	40.781	ng		99
75) Fluoranthene	19.47	202	1153706	41.320	ng		98
77) Benzidine	19.64	184	729181	55.838	ng		99
78) Pyrene	19.83	202	1158109	41.471	ng		99
80) Butylbenzylphthalate	20.71	149	494694	45.039	ng		97
81) Benzo(a)anthracene	21.67	228	1133135	40.896	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	331888	29.783	ng	#	97
83) Chrysene	21.74	228	1114252	41.698	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	697088	45.710	ng		100
85) Di-n-octyl phthalate	22.79	149	1174911	44.794	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1441087	39.684	ng	#	92
88) Benzo(b)fluoranthene	23.91	252	1226175	41.590	ng		98
89) Benzo(k)fluoranthene	23.97	252	1214206m	42.846	ng		
90) Benzo(a)pyrene	24.79	252	1214826	43.423	ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	1191008	42.046	ng	#	97
92) Benzo(g,h,i)perylene	29.80	276	1187590	41.919	ng	#	95

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

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