Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043327.D
Acq On : 24 Oct 2019 12:26
Operator : JU
Sample : PB124226BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124226BSD

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:26 AM

Quant Time: Oct 24 16:54:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41116	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	160066	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	117304	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	273165	20.00	ng		0.00
76) Chrysene-d12	21.66	240	301844	20.00	ng		0.00
87) Perylene-d12	24.86	264	346655	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	169495	75.54	ng		0.00
7) Phenol-d6	7.20	99	231772	71.79	ng		0.00
23) Nitrobenzene-d5	9.19	82	214323	69.03	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	151457	67.85	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	589304	69.42	ng		0.00
79) Terphenyl-d14	20.00	244	1084457	67.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	35977	41.146	ng		95
3) Pyridine	3.89	79	78465	35.574	ng		95
4) n-Nitrosodimethylamine	3.80	42	45391	40.783	ng		87
6) Aniline	7.35	93	111053	29.862	ng		97
8) 2-Chlorophenol	7.59	128	108304	43.726	ng		97
9) Benzaldehyde	7.16	77	55992	35.293	ng		93
10) Phenol	7.22	94	133056	45.104	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	89759	39.355	ng		96
12) 1,3-Dichlorobenzene	7.91	146	117926	38.000	ng		98
13) 1,4-Dichlorobenzene	8.06	146	117317	37.365	ng		98
14) 1,2-Dichlorobenzene	8.38	146	114022	37.193	ng		96
15) Benzyl Alcohol	8.26	79	90895	40.091	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	118213	35.645	ng		99
17) 2-Methylphenol	8.48	107	88918	41.347	ng		97
18) Hexachloroethane	9.11	117	42232	37.281	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	77067	36.944	ng	#	98
20) 3+4-Methylphenols	8.80	107	123635	41.926	ng		91
22) Acetophenone	8.85	105	152334	37.163	ng		97
24) Nitrobenzene	9.23	77	117124	39.600	ng		99
25) Isophorone	9.74	82	214230	37.740	ng		98
26) 2-Nitrophenol	9.94	139	60566	42.416	ng		94
27) 2,4-Dimethylphenol	10.00	122	101855	49.768	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	120920	38.597	ng		96
29) 2,4-Dichlorophenol	10.49	162	114250	43.570	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	122946	37.200	ng		98
31) Naphthalene	10.88	128	322295	39.668	ng		98
32) Benzoic acid	10.16	122	50399	35.220	ng		96
33) 4-Chloroaniline	11.00	127	60938	18.297	ng		95
34) Hexachlorobutadiene	11.17	225	87344	35.751	ng		98
35) Caprolactam	11.76	113	37069m	41.046	ng		
36) 4-Chloro-3-methylphenol	12.12	107	121714	42.553	ng		92
37) 2-Methylnaphthalene	12.48	142	245625	39.400	ng		96
38) 1-Methylnaphthalene	12.70	142	231939	39.103	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159434	36.725	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210926	92.492	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	107401	42.009	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	113196	43.795	ng		94
46) 1,1'-Biphenyl	13.49	154	340108	38.112	ng		98
47) 2-Chloronaphthalene	13.53	162	264368	38.936	ng		96
48) 2-Nitroaniline	13.73	65	78774	38.817	ng		94
49) Acenaphthylene	14.37	152	431130	40.798	ng		98
50) Dimethylphthalate	14.10	163	352956	38.846	ng		99
51) 2,6-Dinitrotoluene	14.22	165	80617	40.841	ng		97
52) Acenaphthene	14.72	154	255452	39.639	ng		98
53) 3-Nitroaniline	14.56	138	47480	24.914	ng		99
54) 2,4-Dinitrophenol	14.76	184	85007	69.969	ng		94
55) Dibenzofuran	15.05	168	420253	40.213	ng		100
56) 4-Nitrophenol	14.88	139	115512	90.447	ng		96
57) 2,4-Dinitrotoluene	15.01	165	115602	40.980	ng		99
58) Fluorene	15.70	166	355905	40.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117771	42.887	ng	#	98
60) Diethylphthalate	15.46	149	350137	38.352	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	197865	38.696	ng		96
62) 4-Nitroaniline	15.73	138	75877	38.552	ng		98
63) Azobenzene	15.98	77	297785	40.303	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	65563	40.784	ng		98
66) n-Nitrosodiphenylamine	15.90	169	315275	40.880	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	143538	39.045	ng		98
68) Hexachlorobenzene	16.71	284	157474	37.318	ng		96
69) Atrazine	16.85	200	119147	44.461	ng		94
70) Pentachlorophenol	17.05	266	180602	93.926	ng		97
71) Phenanthrene	17.44	178	562126	40.186	ng		100
72) Anthracene	17.53	178	570477	40.762	ng		100
73) Carbazole	17.80	167	514721	40.613	ng		98
74) Di-n-butylphthalate	18.35	149	591620	38.472	ng		99
75) Fluoranthene	19.45	202	738306	40.486	ng		99
77) Benzidine	19.63	184	279640	46.034	ng		97
78) Pyrene	19.81	202	749432	40.111	ng		99
80) Butylbenzylphthalate	20.69	149	276633	39.081	ng		97
81) Benzo(a)anthracene	21.64	228	752221	39.785	ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	217398	29.728	ng		99
83) Chrysene	21.71	228	744787	39.646	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	400204	39.801	ng		98
85) Di-n-octyl phthalate	22.75	149	687457	40.298	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	942918	39.986	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	795260	40.505	ng		98
89) Benzo(k)fluoranthene	23.92	252	803369	40.646	ng		100
90) Benzo(a)pyrene	24.71	252	790106	42.142	ng		96
91) Dibenzo(a,h)anthracene	28.56	278	794847	41.448	ng		98
92) Benzo(g,h,i)perylene	29.65	276	783715	41.431	ng		99

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

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