Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043770.D
Acq On : 25 Nov 2019 15:38
Operator : JU
Sample : PB125036BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125036BS

Manual Integrations APPROVED
mohammad
11/26/2019 12:48:49 PM

Quant Time: Nov 26 00:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35241	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	211244	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	196375	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	574260	20.00	ng		0.00
76) Chrysene-d12	21.66	240	708245	20.00	ng		0.00
87) Perylene-d12	24.84	264	617991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	353365	180.27	ng		0.00
7) Phenol-d6	7.18	99	547564	192.16	ng		0.00
23) Nitrobenzene-d5	9.18	82	245233	63.83	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	307359	129.77	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	720750	60.33	ng		0.00
79) Terphenyl-d14	20.01	244	1973056	62.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	25336	29.150	ng		92
3) Pyridine	3.91	79	82075	33.537	ng		96
4) n-Nitrosodimethylamine	3.82	42	53392	43.918	ng		86
6) Aniline	7.35	93	155309	41.824	ng		98
8) 2-Chlorophenol	7.59	128	142597	63.780	ng		93
9) Benzaldehyde	7.16	77	68504	40.246	ng		93
10) Phenol	7.21	94	204189	69.801	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	124120	50.840	ng		93
12) 1,3-Dichlorobenzene	7.92	146	112768	42.846	ng		98
13) 1,4-Dichlorobenzene	8.06	146	116881	43.845	ng		97
14) 1,2-Dichlorobenzene	8.38	146	118793	47.096	ng		100
15) Benzyl Alcohol	8.26	79	143540	60.308	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	191763	45.672	ng		99
17) 2-Methylphenol	8.46	107	142003	67.896	ng		97
18) Hexachloroethane	9.12	117	40537	40.282	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	124043	55.355	ng		92
20) 3+4-Methylphenols	8.79	107	202751	69.487	ng		98
22) Acetophenone	8.85	105	218170	38.967	ng	#	96
24) Nitrobenzene	9.22	77	165094	41.804	ng		98
25) Isophorone	9.75	82	364047	44.190	ng		96
26) 2-Nitrophenol	9.94	139	65636	46.066	ng		97
27) 2,4-Dimethylphenol	10.00	122	170036	60.776	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	207397	40.846	ng		97
29) 2,4-Dichlorophenol	10.47	162	176030	51.755	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	151504	38.013	ng		97
31) Naphthalene	10.88	128	455812	43.498	ng		99
32) Benzoic acid	10.10	122	121111	60.028	ng		98
33) 4-Chloroaniline	10.98	127	163890	32.462	ng		95
34) Hexachlorobutadiene	11.18	225	83156	31.729	ng		95
35) Caprolactam	11.72	113	88418m	63.932	ng		
36) 4-Chloro-3-methylphenol	12.10	107	216336	56.599	ng		97
37) 2-Methylnaphthalene	12.49	142	389649	49.342	ng		98
38) 1-Methylnaphthalene	12.70	142	373227	49.800	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	203015	32.490	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	204454	60.561	ng		100
43) 2,4,6-Trichlorophenol	13.08	196	169743	42.238	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	198472	47.472	ng		98
46) 1,1'-Biphenyl	13.49	154	532154	39.094	ng		99
47) 2-Chloronaphthalene	13.53	162	427029	38.469	ng		98
48) 2-Nitroaniline	13.72	65	157299	48.402	ng		100
49) Acenaphthylene	14.37	152	756343	43.307	ng		99
50) Dimethylphthalate	14.11	163	658803	42.350	ng		99
51) 2,6-Dinitrotoluene	14.22	165	148516	51.410	ng		95
52) Acenaphthene	14.72	154	502646	45.004	ng		99
53) 3-Nitroaniline	14.54	138	135350	40.112	ng	#	92
54) 2,4-Dinitrophenol	14.74	184	118919	100.754	ng	#	69
55) Dibenzofuran	15.05	168	761876	43.787	ng		99
56) 4-Nitrophenol	14.84	139	353038	124.213	ng		93
57) 2,4-Dinitrotoluene	15.00	165	223998	55.910	ng		96
58) Fluorene	15.70	166	632430	44.322	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	201701	48.034	ng	#	88
60) Diethylphthalate	15.48	149	707676	44.460	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	325894	41.483	ng		100
62) 4-Nitroaniline	15.70	138	198751	51.367	ng		92
63) Azobenzene	15.99	77	651063	44.467	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	92997	44.967	ng		94
66) n-Nitrosodiphenylamine	15.91	169	632455	41.597	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	225148	37.178	ng		99
68) Hexachlorobenzene	16.71	284	242480	36.626	ng		94
69) Atrazine	16.85	200	283761	46.568	ng		96
70) Pentachlorophenol	17.05	266	377746	93.506	ng		98
71) Phenanthrene	17.44	178	1219794	42.928	ng		99
72) Anthracene	17.53	178	1255740	43.748	ng		99
73) Carbazole	17.79	167	1295313	46.900	ng		98
74) Di-n-butylphthalate	18.37	149	1500593	41.227	ng		99
75) Fluoranthene	19.45	202	1758691	43.148	ng		95
77) Benzidine	19.62	184	539503	26.077	ng		100
78) Pyrene	19.80	202	1807649	39.547	ng		97
80) Butylbenzylphthalate	20.70	149	888495	42.670	ng		100
81) Benzo(a)anthracene	21.64	228	1910973	40.360	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	541177	30.479	ng		99
83) Chrysene	21.71	228	1773815	39.591	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	1187424	40.529	ng		96
85) Di-n-octyl phthalate	22.79	149	1727272	36.347	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	1827631	35.068	ng		98
88) Benzo(b)fluoranthene	23.84	252	1581967	42.874	ng		98
89) Benzo(k)fluoranthene	23.90	252	1547070	43.688	ng		98
90) Benzo(a)pyrene	24.69	252	1444354	41.629	ng		97
91) Dibenzo(a,h)anthracene	28.53	278	1502227	44.637	ng	#	95
92) Benzo(g,h,i)perylene	29.58	276	1514152	45.623	ng		98

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

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