Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043604.D
Acq On : 12 Nov 2019 5:27
Operator : JU
Sample : PB124694BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:18 PM

Quant Time: Nov 12 08:19:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33103	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	140050	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	107061	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	273129	20.00	ng		0.00
76) Chrysene-d12	21.65	240	220944	20.00	ng		0.00
87) Perylene-d12	24.83	264	252678	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	189692	105.01	ng		0.00
7) Phenol-d6	7.20	99	271553	104.48	ng		0.00
23) Nitrobenzene-d5	9.17	82	230306	84.78	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	180221	88.46	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	666530	86.03	ng		0.00
79) Terphenyl-d14	19.99	244	1299808	110.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	19650	27.913	ng		89
3) Pyridine	3.86	79	54642	30.770	ng		97
4) n-Nitrosodimethylamine	3.77	42	40777	45.506	ng		84
6) Aniline	7.33	93	115034	38.420	ng		97
8) 2-Chlorophenol	7.58	128	102261	51.280	ng		95
9) Benzaldehyde	7.14	77	47413	37.119	ng		91
10) Phenol	7.23	94	125825	52.978	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	82141	44.733	ng		97
12) 1,3-Dichlorobenzene	7.89	146	99545	39.842	ng		100
13) 1,4-Dichlorobenzene	8.03	146	105391	41.691	ng		96
14) 1,2-Dichlorobenzene	8.36	146	100765	40.825	ng		95
15) Benzyl Alcohol	8.25	79	93768	51.369	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	109463	40.997	ng		98
17) 2-Methylphenol	8.47	107	90057	52.014	ng		94
18) Hexachloroethane	9.08	117	36249	39.745	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	76259	45.406	ng		93
20) 3+4-Methylphenols	8.80	107	120663	50.822	ng		96
22) Acetophenone	8.82	105	149307	41.630	ng	#	95
24) Nitrobenzene	9.20	77	113728	43.948	ng	#	96
25) Isophorone	9.73	82	217968	43.887	ng		99
26) 2-Nitrophenol	9.92	139	59843	47.899	ng		95
27) 2,4-Dimethylphenol	9.99	122	98359	54.929	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	119671	43.657	ng		99
29) 2,4-Dichlorophenol	10.47	162	114694	49.990	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	118881	41.111	ng		98
31) Naphthalene	10.85	128	316000	44.452	ng		98
32) Benzoic acid	10.20	122	56981	42.867	ng		95
33) 4-Chloroaniline	10.98	127	79479	27.275	ng		99
34) Hexachlorobutadiene	11.14	225	81018	37.901	ng		95
35) Caprolactam	11.75	113	38346m	48.529	ng		
36) 4-Chloro-3-methylphenol	12.12	107	130537	52.160	ng		99
37) 2-Methylnaphthalene	12.46	142	246988	45.281	ng		100
38) 1-Methylnaphthalene	12.68	142	234165	45.120	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	157070	39.642	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	175625	84.380	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	107038	45.873	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	115793	49.086	ng		97
46) 1,1'-Biphenyl	13.47	154	343644	42.193	ng		99
47) 2-Chloronaphthalene	13.51	162	262452	42.351	ng		98
48) 2-Nitroaniline	13.72	65	85664	46.251	ng		98
49) Acenaphthylene	14.36	152	442736	45.904	ng		99
50) Dimethylphthalate	14.09	163	368410	44.426	ng		98
51) 2,6-Dinitrotoluene	14.21	165	85574	47.500	ng		98
52) Acenaphthene	14.70	154	260609	44.309	ng		94
53) 3-Nitroaniline	14.55	138	58759	33.782	ng		99
54) 2,4-Dinitrophenol	14.76	184	95792	84.681	ng		98
55) Dibenzofuran	15.03	168	434702	45.575	ng		99
56) 4-Nitrophenol	14.90	139	124215	106.567	ng		92
57) 2,4-Dinitrotoluene	15.00	165	121181	47.067	ng	#	98
58) Fluorene	15.68	166	366420	45.804	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	118926	47.451	ng		97
60) Diethylphthalate	15.45	149	374583	44.956	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	210497	45.105	ng		99
62) 4-Nitroaniline	15.72	138	84946	47.289	ng		95
63) Azobenzene	15.97	77	314941	46.703	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	76297	47.467	ng		92
66) n-Nitrosodiphenylamine	15.89	169	334828	43.421	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	152481	41.483	ng		95
68) Hexachlorobenzene	16.69	284	169892	40.266	ng		96
69) Atrazine	16.84	200	149537	55.809	ng		98
70) Pentachlorophenol	17.04	266	169777	88.308	ng		98
71) Phenanthrene	17.42	178	604989	43.256	ng		99
72) Anthracene	17.52	178	626076	44.741	ng		99
73) Carbazole	17.79	167	562852	44.416	ng		99
74) Di-n-butylphthalate	18.33	149	676322	43.986	ng		99
75) Fluoranthene	19.43	202	796026	43.657	ng		99
77) Benzidine	19.62	184	311185	69.983	ng		98
78) Pyrene	19.80	202	782693	57.230	ng		98
80) Butylbenzylphthalate	20.68	149	240744	46.464	ng		99
81) Benzo(a)anthracene	21.63	228	636763	46.010	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	173397	32.393	ng		94
83) Chrysene	21.69	228	620573	45.130	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	317060	43.078	ng		99
85) Di-n-octyl phthalate	22.72	149	562634	45.057	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.47	276	782690	45.345	ng	#	95
88) Benzo(b)fluoranthene	23.82	252	644288	45.021	ng		98
89) Benzo(k)fluoranthene	23.89	252	656143	45.544	ng		99
90) Benzo(a)pyrene	24.69	252	605654	44.319	ng		97
91) Dibenzo(a,h)anthracene	28.53	278	660437	47.248	ng		98
92) Benzo(g,h,i)perylene	29.61	276	656386	47.605	ng		99

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

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