Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044594.D
Acq On : 26 Feb 2020 2:32
Operator : CG/JU
Sample : PB127049BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:16 PM

Quant Time: Feb 26 06:09:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	67500	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	277042	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	172251	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	421377	20.00	ng		0.00
76) Chrysene-d12	21.50	240	450203	20.00	ng		0.00
87) Perylene-d12	24.57	264	311259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	480433	114.20	ng		0.00
7) Phenol-d6	7.05	99	656719	114.04	ng		0.00
23) Nitrobenzene-d5	9.03	82	366773	68.20	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	287896	117.88	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	878286	73.02	ng		0.00
79) Terphenyl-d14	19.88	244	1506606	63.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	57046	31.074	ng		98
3) Pyridine	3.72	79	142215	27.763	ng		99
4) n-Nitrosodimethylamine	3.64	42	69491	35.718	ng		93
6) Aniline	7.20	93	125070	17.839	ng		97
8) 2-Chlorophenol	7.44	128	175042	38.115	ng		99
9) Benzaldehyde	7.03	77	470	0.139	ng	#	61
10) Phenol	7.08	94	214684	38.470	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	166000	35.384	ng		97
12) 1,3-Dichlorobenzene	7.77	146	184029	33.598	ng		100
13) 1,4-Dichlorobenzene	7.91	146	185884	33.768	ng		98
14) 1,2-Dichlorobenzene	8.22	146	175760	33.574	ng		98
15) Benzyl Alcohol	8.11	79	141976	36.557	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	210947	33.458	ng		99
17) 2-Methylphenol	8.33	107	149493	37.498	ng		98
18) Hexachloroethane	8.96	117	66830	33.220	ng		96
19) n-Nitroso-di-n-propylamine	8.68	70	125730	33.967	ng		100
20) 3+4-Methylphenols	8.65	107	206330	37.803	ng		100
22) Acetophenone	8.69	105	244367	35.132	ng		99
24) Nitrobenzene	9.08	77	179196	34.395	ng		99
25) Isophorone	9.60	82	349070	34.699	ng		99
26) 2-Nitrophenol	9.79	139	100723	35.649	ng		99
27) 2,4-Dimethylphenol	9.86	122	163969	41.332	ng		98
28) bis(2-Chloroethoxy)methane	10.08	93	221600	33.310	ng		99
29) 2,4-Dichlorophenol	10.33	162	178495	37.634	ng		100
30) 1,2,4-Trichlorobenzene	10.54	180	182040	33.187	ng		99
31) Naphthalene	10.72	128	520468	34.429	ng		99
32) Benzoic acid	10.02	122	100045	57.862	ng		96
33) 4-Chloroaniline	10.83	127	107017	16.073	ng		99
34) Hexachlorobutadiene	11.02	225	108034	31.362	ng		99
35) Caprolactam	11.60	113	64049m	37.722	ng		
36) 4-Chloro-3-methylphenol	11.97	107	194302	39.798	ng		96
37) 2-Methylnaphthalene	12.34	142	396968	35.531	ng		98
38) 1-Methylnaphthalene	12.55	142	377662	35.575	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	207822	35.838	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	100528	41.059	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	146439	38.892	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	159811	41.318	ng	98
46) 1,1'-Biphenyl	13.35	154	510491	35.812	ng	99
47) 2-Chloronaphthalene	13.39	162	399061	35.701	ng	99
48) 2-Nitroaniline	13.59	65	117016	37.713	ng	95
49) Acenaphthylene	14.23	152	623697	37.800	ng	100
50) Dimethylphthalate	13.97	163	525704	37.813	ng	99
51) 2,6-Dinitrotoluene	14.09	165	119861	39.091	ng	95
52) Acenaphthene	14.58	154	388996	36.984	ng	98
53) 3-Nitroaniline	14.42	138	80047	24.206	ng	97
54) 2,4-Dinitrophenol	14.63	184	142292	78.136	ng	96
55) Dibenzofuran	14.92	168	622893	38.630	ng	99
56) 4-Nitrophenol	14.75	139	212954	93.619	ng	99
57) 2,4-Dinitrotoluene	14.88	165	171303	39.737	ng	98
58) Fluorene	15.56	166	500682	39.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147726	41.475	ng	98
60) Diethylphthalate	15.34	149	538681	39.104	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	262292	37.732	ng	100
62) 4-Nitroaniline	15.59	138	120796	36.481	ng	97
63) Azobenzene	15.85	77	462421	39.444	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	107020	41.017	ng	97
66) n-Nitrosodiphenylamine	15.77	169	469618	35.729	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	177732	33.980	ng	98
68) Hexachlorobenzene	16.58	284	195322	33.029	ng	97
69) Atrazine	16.72	200	71694	14.754	ng	97
70) Pentachlorophenol	16.92	266	326510	109.849	ng	97
71) Phenanthrene	17.30	178	837350	35.893	ng	99
72) Anthracene	17.40	178	826239	35.939	ng	99
73) Carbazole	17.67	167	788633	37.686	ng	100
74) Di-n-butylphthalate	18.23	149	974703	37.170	ng	99
75) Fluoranthene	19.32	202	1043856	37.798	ng	99
77) Benzidine	19.50	184	91948	5.962	ng	97
78) Pyrene	19.67	202	1053801	32.245	ng	99
80) Butylbenzylphthalate	20.57	149	459795	32.165	ng	99
81) Benzo(a)anthracene	21.48	228	1030644	32.572	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	296273	23.701	ng	100
83) Chrysene	21.55	228	968450	31.656	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	645094	32.751	ng	99
85) Di-n-octyl phthalate	22.56	149	1126471	32.505	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1230518	31.341	ng	99
88) Benzo(b)fluoranthene	23.60	252	1099085	53.706	ng	99
89) Benzo(k)fluoranthene	23.66	252	1034803	52.114	ng	100
90) Benzo(a)pyrene	24.43	252	1021676	53.135	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1034350	54.394	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1040537	54.615	ng	99

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

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