Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
Data File : BG027812.D
Acq On : 2 Jul 2017 10:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/3/2017 4:24:01 PM

Quant Time: Jul 03 08:18:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	29450	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	151781	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	100165	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	228310	20.00	ng		0.00
75) Chrysene-d12	22.18	240	249589	20.00	ng		0.00
86) Perylene-d12	25.79	264	239849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.05	112	148896	77.86	ng		0.00
7) Phenol-d6	7.62	99	222728	76.23	ng		0.00
23) Nitrobenzene-d5	9.64	82	218956	80.41	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	130603	95.06	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	608560	86.77	ng		0.00
78) Terphenyl-d14	20.39	244	930072	87.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	23510	33.018	ng		97
3) Pyridine	4.43	79	70844m	32.312	ng		
4) n-Nitrosodimethylamine	4.34	42	38864	36.147	ng	#	81
6) Aniline	7.80	93	95050	28.066	ng		98
8) 2-Chlorophenol	8.04	128	85855	40.174	ng		88
9) Benzaldehyde	7.62	77	60167	34.608	ng		84
10) Phenol	7.65	94	110047	38.071	ng		83
11) bis(2-Chloroethyl)ether	7.88	93	91219	41.546	ng		96
12) 1,3-Dichlorobenzene	8.37	146	94980	41.783	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	98007	41.610	ng		95
14) 1,2-Dichlorobenzene	8.83	146	98283	43.035	ng		92
15) Benzyl Alcohol	8.71	79	12664	6.266	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.98	45	175548	37.485	ng		98
17) 2-Methylphenol	8.90	107	81203	39.708	ng	#	87
18) Hexachloroethane	9.57	117	33157	40.020	ng		87
19) n-Nitroso-di-n-propylamine	9.27	70	77785	36.595	ng		93
20) 3+4-Methylphenols	9.23	107	112129	38.022	ng		91
22) Acetophenone	9.30	105	146221	39.923	ng	#	90
24) Nitrobenzene	9.68	77	113387	39.830	ng	#	83
25) Isophorone	10.20	82	220543	37.158	ng		95
26) 2-Nitrophenol	10.39	139	54779	42.600	ng	#	79
27) 2,4-Dimethylphenol	10.44	122	97070	40.304	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	123083	36.577	ng		94
29) 2,4-Dichlorophenol	10.94	162	92927	44.027	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	95504	44.366	ng	#	94
31) Naphthalene	11.35	128	331620	41.085	ng		99
32) Benzoic acid	10.55	122	23109m	21.662	ng		
33) 4-Chloroaniline	11.54	127	132592m	38.024	ng		
34) Hexachlorobutadiene	11.62	225	59533	49.634	ng		99
35) Caprolactam	12.23	113	37534	35.356	ng		96
36) 4-Chloro-3-methylphenol	12.53	107	110995	37.372	ng		90
37) 2-Methylnaphthalene	12.92	142	252486	41.997	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	123298	46.843	ng		97
40) Hexachlorocyclopentadiene	13.24	237	62164	50.092	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	83165	43.747	ng		92
43) 2,4,5-Trichlorophenol	13.59	196	92528	42.955	ng	#	94
45) 1,1'-Biphenyl	13.90	154	334746	41.695	ng		97
46) 2-Chloronaphthalene	13.95	162	253975	41.876	ng		97
47) 2-Nitroaniline	14.15	65	93821	38.647	ng	#	84
48) Acenaphthylene	14.79	152	452954	40.872	ng		100
49) Dimethylphthalate	14.50	163	339035	39.677	ng		97
50) 2,6-Dinitrotoluene	14.63	165	77444	41.693	ng	#	79
51) Acenaphthene	15.13	154	298060	41.963	ng		96
52) 3-Nitroaniline	14.98	138	78980	36.143	ng	#	74
53) 2,4-Dinitrophenol	15.17	184	39687	43.333	ng		94
54) Dibenzofuran	15.46	168	388263	41.339	ng		97
55) 4-Nitrophenol	15.27	139	44887	26.909	ng	#	64
56) 2,4-Dinitrotoluene	15.41	165	108958	42.056	ng	#	89
57) Fluorene	16.11	166	371877	40.837	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.68	232	72937	39.280	ng		91
59) Diethylphthalate	15.85	149	371588	39.273	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	172606	42.817	ng		95
61) 4-Nitroaniline	16.13	138	79418	34.885	ng	#	69
62) Azobenzene	16.38	77	310516	37.348	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	61469	43.757	ng		81
65) n-Nitrosodiphenylamine	16.31	169	314408	42.334	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	113434	47.504	ng		96
67) Hexachlorobenzene	17.12	284	120491	47.646	ng		90
68) Atrazine	17.25	200	89004	37.958	ng		96
69) Pentachlorophenol	17.46	266	60666	40.845	ng		98
70) Phenanthrene	17.86	178	549311	41.676	ng		94
71) Anthracene	17.94	178	558101	41.932	ng		97
72) Carbazole	18.22	167	528437	40.315	ng		96
73) Di-n-butylphthalate	18.74	149	603974	41.930	ng	#	93
74) Fluoranthene	19.85	202	615421	42.723	ng		95
76) Benzidine	20.07	184	12302	5.149	ng		96
77) Pyrene	20.21	202	636030	40.606	ng		95
79) Butylbenzylphthalate	21.08	149	273487	38.768	ng		87
80) Benzo(a)anthracene	22.15	228	618016	40.956	ng		94
81) 3,3'-Dichlorobenzidine	22.05	252	205495	37.521	ng		96
82) Chrysene	22.23	228	586706	41.481	ng		95
83) Bis(2-ethylhexyl)phthalate	22.00	149	394523	38.269	ng		95
84) Di-n-octyl phthalate	23.34	149	655946	38.513	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.94	276	663471	41.042	ng	#	94
87) Benzo(b)fluoranthene	24.63	252	626059	40.515	ng	#	97
88) Benzo(k)fluoranthene	24.70	252	614699	40.244	ng	#	93
89) Benzo(a)pyrene	25.61	252	589398	40.649	ng	#	94
90) Dibenzo(a,h)anthracene	30.01	278	553862	37.706	ng	#	95
91) Benzo(g,h,i)perylene	31.25	276	542921	38.459	ng	#	91

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

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