Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027666.D
Acq On : 24 Jun 2017 19:28
Operator : SJ/JU
Sample : I3849-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02MSD

Manual Integrations APPROVED
mohammad
6/29/2017 4:42:57 PM

Quant Time: Jun 26 05:39:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19322	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	89904	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	58915	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	151359	20.00	ng		0.00
75) Chrysene-d12	22.21	240	175872	20.00	ng		0.00
86) Perylene-d12	25.84	264	157724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	203409	149.83	ng		0.00
7) Phenol-d6	7.65	99	292880	145.72	ng		0.00
23) Nitrobenzene-d5	9.67	82	183899	96.79	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	136996	155.97	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	395964	91.81	ng		0.00
78) Terphenyl-d14	20.42	244	712099	95.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	16533	31.366	ng		92
3) Pyridine	4.47	79	55592	32.580	ng		82
4) n-Nitrosodimethylamine	4.38	42	35832	46.013	ng	#	88
6) Aniline	7.83	93	60508	24.669	ng		93
8) 2-Chlorophenol	8.07	128	75006	52.214	ng		91
9) Benzaldehyde	7.65	77	45345	33.203	ng		98
10) Phenol	7.68	94	105701	51.626	ng		96
11) bis(2-Chloroethyl)ether	7.91	93	64754	40.408	ng		89
12) 1,3-Dichlorobenzene	8.40	146	66349	43.754	ng		97
13) 1,4-Dichlorobenzene	8.54	146	69434	45.354	ng		99
14) 1,2-Dichlorobenzene	8.86	146	67149	44.635	ng		95
15) Benzyl Alcohol	8.74	79	78506	48.923	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.01	45	90945	34.204	ng		85
17) 2-Methylphenol	8.93	107	68418	47.489	ng		95
18) Hexachloroethane	9.59	117	27176	45.267	ng		89
19) n-Nitroso-di-n-propylamine	9.29	70	64267	40.257	ng		86
20) 3+4-Methylphenols	9.25	107	93748	47.526	ng		98
22) Acetophenone	9.32	105	116786	47.369	ng	#	89
24) Nitrobenzene	9.71	77	95216	45.720	ng		94
25) Isophorone	10.23	82	171514	43.937	ng		97
26) 2-Nitrophenol	10.43	139	39759	51.614	ng		95
27) 2,4-Dimethylphenol	10.46	122	78657	54.068	ng		92
28) bis(2-Chloroethoxy)methane	10.70	93	98661	44.843	ng		98
29) 2,4-Dichlorophenol	10.96	162	75092	59.761	ng		95
30) 1,2,4-Trichlorobenzene	11.18	180	72499	50.466	ng		96
31) Naphthalene	11.37	128	228733	47.071	ng		99
32) Benzoic acid	10.53	122	4672m	11.642	ng		
33) 4-Chloroaniline	11.47	127	23681	11.491	ng		92
34) Hexachlorobutadiene	11.64	225	46868	53.985	ng		95
35) Caprolactam	12.26	113	28337	48.387	ng	#	70
36) 4-Chloro-3-methylphenol	12.56	107	104477	54.216	ng		98
37) 2-Methylnaphthalene	12.94	142	173722	49.193	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	93211	50.452	ng		98
40) Hexachlorocyclopentadiene	13.28	237	84327	85.155	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	67424	56.477	ng		96
43) 2,4,5-Trichlorophenol	13.61	196	71710	51.116	ng		98
45) 1,1'-Biphenyl	13.92	154	238544	48.559	ng		96
46) 2-Chloronaphthalene	13.98	162	175649	48.075	ng		95
47) 2-Nitroaniline	14.17	65	79808	48.657	ng		94
48) Acenaphthylene	14.82	152	290759	45.415	ng		97
49) Dimethylphthalate	14.53	163	338684	65.655	ng		96
50) 2,6-Dinitrotoluene	14.65	165	58080	51.888	ng		94
51) Acenaphthene	15.15	154	191511	42.932	ng		99
52) 3-Nitroaniline	14.99	138	32061	27.136	ng		87
53) 2,4-Dinitrophenol	15.19	184	10420	16.470	ng	#	68
54) Dibenzofuran	15.49	168	292177	50.287	ng		98
55) 4-Nitrophenol	15.29	139	83364	84.273	ng	#	85
56) 2,4-Dinitrotoluene	15.44	165	81548	51.378	ng	#	94
57) Fluorene	16.13	166	254180	46.192	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.70	232	71240	57.668	ng		92
59) Diethylphthalate	15.87	149	277520	49.304	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	134202	49.561	ng		93
61) 4-Nitroaniline	16.15	138	60224	46.460	ng		92
62) Azobenzene	16.40	77	266768	46.220	ng		96
64) 4,6-Dinitro-2-methylphenol	16.20	198	20552	21.382	ng		84
65) n-Nitrosodiphenylamine	16.33	169	225230	48.542	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	86981	52.251	ng	#	86
67) Hexachlorobenzene	17.14	284	87122	48.973	ng		97
68) Atrazine	17.27	200	89604	52.715	ng		98
69) Pentachlorophenol	17.48	266	88804	80.363	ng		97
70) Phenanthrene	17.88	178	407571	47.334	ng		93
71) Anthracene	17.97	178	411134	47.423	ng		97
72) Carbazole	18.24	167	364153	43.116	ng		94
73) Di-n-butylphthalate	18.76	149	456021	48.189	ng	#	95
74) Fluoranthene	19.88	202	480632	47.911	ng		95
76) Benzidine	20.04	184	118310	27.409	ng		97
77) Pyrene	20.23	202	494256	46.231	ng		95
79) Butylbenzylphthalate	21.11	149	211536	47.407	ng		94
80) Benzo(a)anthracene	22.19	228	496776	47.078	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	98558	25.833	ng		99
82) Chrysene	22.26	228	453673	45.373	ng		93
83) Bis(2-ethylhexyl)phthalate	22.03	149	306383	46.843	ng		98
84) Di-n-octyl phthalate	23.38	149	525603	48.312	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.03	276	541908	47.559	ng	#	67
87) Benzo(b)fluoranthene	24.68	252	497566	49.341	ng		95
88) Benzo(k)fluoranthene	24.76	252	487242m	49.385	ng		
89) Benzo(a)pyrene	25.68	252	474088	49.815	ng	#	95
90) Dibenzo(a,h)anthracene	30.11	278	464997	47.969	ng	#	97
91) Benzo(g,h,i)perylene	31.36	276	435906	46.295	ng	#	94

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

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