Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027782.D
Acq On : 1 Jul 2017 13:52
Operator : SJ/JU
Sample : I3928-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Q6-WSWMS

Manual Integrations APPROVED
mohammad
7/5/2017 11:31:41 AM

Quant Time: Jul 01 18:25:23 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	8.48	152	31588	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	165378	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	113108	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	263164	20.00	ng		0.00
75) Chrysene-d12	22.19	240	282437	20.00	ng		0.01
86) Perylene-d12	25.80	264	267941	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	293675	143.17	ng		0.00
7) Phenol-d6	7.62	99	436746	139.37	ng		0.00
23) Nitrobenzene-d5	9.64	82	265268	89.41	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	273064	176.01	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	732858	92.54	ng		0.00
78) Terphenyl-d14	20.39	244	1227458	101.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	22858	29.930	ng		94
3) Pyridine	4.43	79	63370	26.947	ng		95
4) n-Nitrosodimethylamine	4.34	42	44688	38.751	ng	#	78
6) Aniline	7.81	93	138364	38.091	ng		96
8) 2-Chlorophenol	8.04	128	107390	46.850	ng		91
9) Benzaldehyde	7.62	77	49523	26.558	ng		82
10) Phenol	7.65	94	148147	47.783	ng		81
11) bis(2-Chloroethyl)ether	7.88	93	91144	38.702	ng		98
12) 1,3-Dichlorobenzene	8.37	146	98377m	40.349	ng		
13) 1,4-Dichlorobenzene	8.51	146	102106	40.416	ng		95
14) 1,2-Dichlorobenzene	8.84	146	102412	41.808	ng		92
15) Benzyl Alcohol	8.71	79	98149	45.275	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	204753	40.762	ng		99
17) 2-Methylphenol	8.90	107	100358	45.753	ng	#	87
18) Hexachloroethane	9.56	117	34964	39.344	ng		82
19) n-Nitroso-di-n-propylamine	9.27	70	88598	38.861	ng	#	95
20) 3+4-Methylphenols	9.22	107	142666	45.103	ng		88
22) Acetophenone	9.29	105	166674	41.765	ng	#	90
24) Nitrobenzene	9.69	77	129095	41.619	ng	#	83
25) Isophorone	10.20	82	265915	41.118	ng	#	94
26) 2-Nitrophenol	10.40	139	64142	45.781	ng	#	81
27) 2,4-Dimethylphenol	10.43	122	127994	48.775	ng		93
28) bis(2-Chloroethoxy)methane	10.68	93	142583	38.889	ng		96
29) 2,4-Dichlorophenol	10.93	162	114522	49.797	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	105906	45.153	ng	#	95
31) Naphthalene	11.35	128	373347	42.451	ng		99
32) Benzoic acid	10.53	122	6242m	12.036	ng		
33) 4-Chloroaniline	11.45	127	91006	23.952	ng	#	90
34) Hexachlorobutadiene	11.62	225	61577	47.117	ng		98
35) Caprolactam	12.23	113	49431m	42.734	ng		
36) 4-Chloro-3-methylphenol	12.53	107	155459	48.039	ng		93
37) 2-Methylnaphthalene	12.92	142	340873	52.037	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	137273	46.185	ng		97
40) Hexachlorocyclopentadiene	13.25	237	144493	103.109	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	104150	48.517	ng		91
43) 2,4,5-Trichlorophenol	13.58	196	115542	47.502	ng		94
45) 1,1'-Biphenyl	13.90	154	399802	44.099	ng		98
46) 2-Chloronaphthalene	13.95	162	294445	42.993	ng		97
47) 2-Nitroaniline	14.15	65	119239	43.497	ng	#	83
48) Acenaphthylene	14.79	152	509054	40.678	ng		98
49) Dimethylphthalate	14.51	163	526420	54.558	ng		98
50) 2,6-Dinitrotoluene	14.64	165	95023	45.303	ng	#	80
51) Acenaphthene	15.13	154	324190	40.419	ng		94
52) 3-Nitroaniline	14.97	138	81410	32.992	ng	#	78
53) 2,4-Dinitrophenol	15.17	184	76752	68.103	ng		95
54) Dibenzofuran	15.46	168	490681	46.266	ng		98
55) 4-Nitrophenol	15.26	139	167423	88.882	ng	#	60
56) 2,4-Dinitrotoluene	15.42	165	141212	48.268	ng	#	86
57) Fluorene	16.11	166	438460	42.639	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	112785	53.789	ng		92
59) Diethylphthalate	15.86	149	476117	44.563	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	203150	44.627	ng		95
61) 4-Nitroaniline	16.13	138	110106	42.830	ng	#	66
62) Azobenzene	16.39	77	409929	43.663	ng		92
64) 4,6-Dinitro-2-methylphenol	16.18	198	77207	47.144	ng		84
65) n-Nitrosodiphenylamine	16.31	169	401508	46.901	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	137547	49.973	ng		90
67) Hexachlorobenzene	17.12	284	145955	50.071	ng		93
68) Atrazine	17.24	200	137220	50.771	ng		96
69) Pentachlorophenol	17.46	266	180924	95.888	ng		98
70) Phenanthrene	17.86	178	713564	46.968	ng		93
71) Anthracene	17.96	178	697264	45.450	ng		96
72) Carbazole	18.22	167	638508	42.260	ng		95
73) Di-n-butylphthalate	18.74	149	799865	48.175	ng	#	93
74) Fluoranthene	19.85	202	789712	47.562	ng		95
76) Benzidine	20.02	184	203122	31.405	ng		97
77) Pyrene	20.22	202	813173	45.878	ng		95
79) Butylbenzylphthalate	21.09	149	379597	47.551	ng		89
80) Benzo(a)anthracene	22.16	228	796379	46.638	ng		95
81) 3,3'-Dichlorobenzidine	22.06	252	201148	32.456	ng	#	97
82) Chrysene	22.23	228	735229	45.936	ng		96
83) Bis(2-ethylhexyl)phthalate	22.01	149	550833	47.217	ng		96
84) Di-n-octyl phthalate	23.35	149	939791	48.761	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.97	276	943623	51.584	ng	#	97
87) Benzo(b)fluoranthene	24.64	252	806145	46.700	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	795702	46.632	ng	#	94
89) Benzo(a)pyrene	25.63	252	773889	47.777	ng	#	94
90) Dibenzo(a,h)anthracene	30.04	278	790659	48.183	ng	#	94
91) Benzo(g,h,i)perylene	31.28	276	754881	47.868	ng	#	90

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

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