Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027783.D
Acq On : 1 Jul 2017 14:32
Operator : SJ/JU
Sample : I3928-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Q6-WSWMSD

Manual Integrations APPROVED
mohammad
7/5/2017 11:31:43 AM

Quant Time: Jul 01 18:27:04 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	30924	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	163388	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	110065	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	253599	20.00	ng		0.00
75) Chrysene-d12	22.18	240	270484	20.00	ng		0.01
86) Perylene-d12	25.79	264	258154	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	286070	142.45	ng		0.00
7) Phenol-d6	7.62	99	425073	138.56	ng		0.00
23) Nitrobenzene-d5	9.65	82	261878	89.34	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	260143	172.32	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	711854	92.37	ng		0.00
78) Terphenyl-d14	20.39	244	1181680	102.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	20991	28.075	ng		98
3) Pyridine	4.43	79	60289	26.187	ng		94
4) n-Nitrosodimethylamine	4.34	42	41970	37.175	ng	#	80
6) Aniline	7.81	93	134416	37.798	ng		99
8) 2-Chlorophenol	8.04	128	106170	47.312	ng		92
9) Benzaldehyde	7.63	77	48801	26.733	ng		90
10) Phenol	7.65	94	145977	48.094	ng		84
11) bis(2-Chloroethyl)ether	7.88	93	90624	39.307	ng		96
12) 1,3-Dichlorobenzene	8.37	146	95021	39.809	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	100034	40.446	ng		95
14) 1,2-Dichlorobenzene	8.84	146	100064	41.727	ng		94
15) Benzyl Alcohol	8.71	79	95610	45.051	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.99	45	200097	40.690	ng		99
17) 2-Methylphenol	8.90	107	101344	47.194	ng	#	86
18) Hexachloroethane	9.57	117	34200	39.311	ng		83
19) n-Nitroso-di-n-propylamine	9.27	70	88475	39.640	ng	#	94
20) 3+4-Methylphenols	9.22	107	136867	44.198	ng		92
22) Acetophenone	9.29	105	161495	40.961	ng	#	90
24) Nitrobenzene	9.69	77	126236	41.193	ng	#	86
25) Isophorone	10.20	82	259891	40.676	ng	#	94
26) 2-Nitrophenol	10.40	139	63801	46.092	ng	#	81
27) 2,4-Dimethylphenol	10.43	122	125213	48.296	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	140806	38.872	ng		96
29) 2,4-Dichlorophenol	10.93	162	113188	49.817	ng		99
30) 1,2,4-Trichlorobenzene	11.15	180	103575	44.697	ng	#	92
31) Naphthalene	11.34	128	368451	42.405	ng		99
32) Benzoic acid	10.52	122	5854	11.875	ng	#	58
33) 4-Chloroaniline	11.45	127	90552	24.123	ng	#	87
34) Hexachlorobutadiene	11.62	225	61190	47.392	ng		97
35) Caprolactam	12.22	113	48037m	42.035	ng		
36) 4-Chloro-3-methylphenol	12.53	107	151569	47.408	ng	#	92
37) 2-Methylnaphthalene	12.92	142	329669	50.940	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	132090	45.670	ng		97
40) Hexachlorocyclopentadiene	13.25	237	144042	105.629	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	100402	48.064	ng		94
43) 2,4,5-Trichlorophenol	13.58	196	112530	47.542	ng	#	97
45) 1,1'-Biphenyl	13.91	154	392767	44.521	ng		98
46) 2-Chloronaphthalene	13.95	162	289982	43.512	ng		97
47) 2-Nitroaniline	14.15	65	116746	43.765	ng	#	75
48) Acenaphthylene	14.79	152	493506	40.526	ng		98
49) Dimethylphthalate	14.51	163	512473	54.580	ng		97
50) 2,6-Dinitrotoluene	14.63	165	92268	45.206	ng	#	78
51) Acenaphthene	15.13	154	317465	40.675	ng		94
52) 3-Nitroaniline	14.97	138	81876	34.098	ng	#	79
53) 2,4-Dinitrophenol	15.17	184	76950	69.907	ng		94
54) Dibenzofuran	15.46	168	480193	46.529	ng		97
55) 4-Nitrophenol	15.26	139	167451	91.355	ng	#	61
56) 2,4-Dinitrotoluene	15.42	165	136688	48.014	ng	#	85
57) Fluorene	16.11	166	422324	42.205	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	108159	53.009	ng		90
59) Diethylphthalate	15.86	149	461446	44.384	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	196224	44.298	ng		96
61) 4-Nitroaniline	16.13	138	108877	43.523	ng	#	68
62) Azobenzene	16.39	77	398621	43.633	ng		92
64) 4,6-Dinitro-2-methylphenol	16.18	198	74196	47.031	ng		78
65) n-Nitrosodiphenylamine	16.31	169	383862	46.531	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	133425	50.304	ng		93
67) Hexachlorobenzene	17.12	284	140002	49.841	ng		96
68) Atrazine	17.24	200	131393	50.448	ng		96
69) Pentachlorophenol	17.46	266	174218	95.821	ng		97
70) Phenanthrene	17.86	178	685893	46.850	ng		95
71) Anthracene	17.95	178	674637	45.633	ng		98
72) Carbazole	18.22	167	611509	42.000	ng		97
73) Di-n-butylphthalate	18.74	149	764832	47.802	ng	#	93
74) Fluoranthene	19.85	202	759659	47.477	ng		95
76) Benzidine	20.02	184	227480	36.180	ng		97
77) Pyrene	20.22	202	772917	45.533	ng		95
79) Butylbenzylphthalate	21.09	149	363771	47.582	ng		89
80) Benzo(a)anthracene	22.16	228	759572	46.448	ng		94
81) 3,3'-Dichlorobenzidine	22.06	252	194208	32.721	ng	#	98
82) Chrysene	22.24	228	706995	46.124	ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	526147	47.094	ng		96
84) Di-n-octyl phthalate	23.35	149	895616	48.523	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.96	276	895990	51.144	ng	#	93
87) Benzo(b)fluoranthene	24.64	252	770865	46.349	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	756854	46.037	ng	#	94
89) Benzo(a)pyrene	25.63	252	741292	47.500	ng	#	93
90) Dibenzo(a,h)anthracene	30.03	278	756516	47.850	ng	#	95
91) Benzo(g,h,i)perylene	31.27	276	721290	47.472	ng	#	91

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

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