Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033346.D
Acq On : 27 Mar 2018 1:32
Operator : SJ/JU
Sample : J1748-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-AMSD

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:58 PM

Quant Time: Mar 27 08:29:39 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	45665	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	185893	20.00	ng		-0.03
38) Acenaphthene-d10	15.49	164	142678	20.00	ng		-0.03
63) Phenanthrene-d10	18.21	188	373237	20.00	ng		-0.03
75) Chrysene-d12	22.56	240	392549	20.00	ng		-0.04
86) Perylene-d12	26.32	264	431320	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	366292	150.41	ng		-0.02
7) Phenol-d6	7.98	99	507703	121.33	ng		-0.02
23) Nitrobenzene-d5	10.07	82	403033	99.61	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	285330	133.71	ng		-0.03
44) 2-Fluorobiphenyl	14.11	172	975803	98.73	ng		-0.03
78) Terphenyl-d14	20.73	244	1636023	89.13	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	46710	37.769	ng	#	86
3) Pyridine	4.40	79	119784	35.037	ng		93
4) n-Nitrosodimethylamine	4.30	42	65800	46.899	ng	#	88
6) Aniline	8.16	93	47415	9.636	ng	#	89
8) 2-Chlorophenol	8.41	128	133166	47.831	ng		93
9) Benzaldehyde	7.96	77	31241	11.748	ng		91
10) Phenol	8.00	94	168984	40.904	ng		93
11) bis(2-Chloroethyl)ether	8.25	93	145341	43.101	ng		96
12) 1,3-Dichlorobenzene	8.75	146	153353	42.131	ng		96
13) 1,4-Dichlorobenzene	8.90	146	152824	41.924	ng		96
14) 1,2-Dichlorobenzene	9.23	146	154692	43.480	ng		95
15) Benzyl Alcohol	9.10	79	162220	49.240	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.39	45	221721	40.334	ng		89
17) 2-Methylphenol	9.30	107	115490	41.036	ng	#	92
18) Hexachloroethane	9.99	117	61104	43.431	ng	#	84
19) n-Nitroso-di-n-propylamine	9.67	70	131782	42.980	ng		96
20) 3+4-Methylphenols	9.63	107	160825	40.135	ng		94
22) Acetophenone	9.71	105	231567	45.469	ng	#	96
24) Nitrobenzene	10.11	77	199491	46.064	ng		95
25) Isophorone	10.63	82	378717	48.227	ng		96
26) 2-Nitrophenol	10.84	139	75870	46.273	ng	#	82
27) 2,4-Dimethylphenol	10.87	122	128657	54.015	ng		86
28) bis(2-Chloroethoxy)methane	11.11	93	198851	50.751	ng		96
29) 2,4-Dichlorophenol	11.38	162	152644	52.111	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	173895	45.692	ng		95
31) Naphthalene	11.80	128	463080	48.072	ng		98
32) Benzoic acid	10.97	122	55137m	24.902	ng		
33) 4-Chloroaniline	11.90	127	30222m	7.003	ng		
34) Hexachlorobutadiene	12.06	225	130402	45.310	ng		95
35) Caprolactam	12.64	113	40704	35.470	ng		92
36) 4-Chloro-3-methylphenol	12.96	107	175833	46.024	ng		97
37) 2-Methylnaphthalene	13.35	142	343842	45.987	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	230353	44.571	ng		98
40) Hexachlorocyclopentadiene	13.68	237	260684	86.042	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	139423	46.432	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	159520	44.945	ng		98
45) 1,1'-Biphenyl	14.33	154	482368	44.005	ng		95
46) 2-Chloronaphthalene	14.38	162	376282	44.520	ng		98
47) 2-Nitroaniline	14.57	65	140589	44.410	ng		95
48) Acenaphthylene	15.21	152	606827	43.013	ng		99
49) Dimethylphthalate	14.91	163	530072	42.690	ng		100
50) 2,6-Dinitrotoluene	15.04	165	118593	46.710	ng		95
51) Acenaphthene	15.55	154	392170	43.121	ng		97
52) 3-Nitroaniline	15.38	138	36162	13.586	ng	#	90
53) 2,4-Dinitrophenol	15.58	184	45893	39.213	ng		93
54) Dibenzofuran	15.88	168	602182	44.826	ng		94
55) 4-Nitrophenol	15.66	139	143879	76.871	ng	#	86
56) 2,4-Dinitrotoluene	15.82	165	161842	43.293	ng		91
57) Fluorene	16.52	166	496636	43.395	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	151027	45.200	ng	#	96
59) Diethylphthalate	16.25	149	514038	42.634	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	285743	43.434	ng		98
61) 4-Nitroaniline	16.54	138	94858	35.191	ng		86
62) Azobenzene	16.79	77	491043	42.043	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	61349	27.476	ng		96
65) n-Nitrosodiphenylamine	16.71	169	452504	42.467	ng		98
66) 4-Bromophenyl-phenylether	17.39	248	192297	43.870	ng		98
67) Hexachlorobenzene	17.52	284	197770	42.752	ng		96
68) Atrazine	17.62	200	186355	43.160	ng		98
69) Pentachlorophenol	17.85	266	210249	66.219	ng		98
70) Phenanthrene	18.26	178	820540	42.213	ng		99
71) Anthracene	18.35	178	844477	42.907	ng		98
72) Carbazole	18.61	167	720279	41.299	ng		97
73) Di-n-butylphthalate	19.10	149	860712	42.399	ng	#	98
74) Fluoranthene	20.21	202	1018625	42.347	ng		96
76) Benzidine	20.37	184	43336	4.071	ng		97
77) Pyrene	20.57	202	1016652	38.832	ng		98
79) Butylbenzylphthalate	21.42	149	393670	40.747	ng		96
80) Benzo(a)anthracene	22.54	228	1032380	41.302	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	135896	15.278	ng	#	92
82) Chrysene	22.61	228	976622	40.363	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	547394	41.101	ng		97
84) Di-n-octyl phthalate	23.75	149	954298	46.799	ng		96
85) Indeno(1,2,3-cd)pyrene	30.70	276	1198070	45.797	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	1031062	41.376	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	1042978	41.383	ng	#	96
89) Benzo(a)pyrene	26.14	252	1017175	42.505	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	1004177	44.547	ng	#	95
91) Benzo(g,h,i)perylene	32.08	276	950030	42.561	ng	#	94

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

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