Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035440.D
Acq On : 27 Jun 2018 11:06
Operator : JU/SJ
Sample : J3687-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:35 PM

Quant Time: Jun 27 12:26:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50000	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	193135	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	142940	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	370659	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	386713	20.00	ng		-0.03
86) Perylene-d12	24.90	264	377325	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	422550	142.62	ng		-0.02
7) Phenol-d6	7.21	99	636250	145.50	ng		0.00
23) Nitrobenzene-d5	9.21	82	410866	101.12	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	295451	161.47	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	926846	84.29	ng		-0.03
78) Terphenyl-d14	20.02	244	1517042	82.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	45710	32.336	ng	#	76
3) Pyridine	3.94	79	110803	29.051	ng	#	76
4) n-Nitrosodimethylamine	3.85	42	58088	35.450	ng	#	83
6) Aniline	7.38	93	215007	38.038	ng		99
8) 2-Chlorophenol	7.62	128	144484	46.524	ng		93
9) Benzaldehyde	7.19	77	103343	30.681	ng		95
10) Phenol	7.24	94	220196	48.658	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	138198	39.345	ng		89
12) 1,3-Dichlorobenzene	7.94	146	155168	41.876	ng		93
13) 1,4-Dichlorobenzene	8.09	146	157440	41.159	ng		94
14) 1,2-Dichlorobenzene	8.41	146	153195	42.637	ng		97
15) Benzyl Alcohol	8.28	79	168895	40.761	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	151139	43.232	ng		77
17) 2-Methylphenol	8.49	107	142247	47.677	ng	#	90
18) Hexachloroethane	9.14	117	58948	43.046	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	135226	36.399	ng	#	83
20) 3+4-Methylphenols	8.82	107	194642	45.514	ng		88
22) Acetophenone	8.87	105	244600	40.884	ng	#	90
24) Nitrobenzene	9.25	77	200944	48.297	ng		95
25) Isophorone	9.78	82	385399	44.927	ng		99
26) 2-Nitrophenol	9.96	139	84792	59.124	ng	#	87
27) 2,4-Dimethylphenol	10.02	122	147853	49.048	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	199677	43.315	ng		96
29) 2,4-Dichlorophenol	10.50	162	172302	52.531	ng		90
30) 1,2,4-Trichlorobenzene	10.72	180	181520	46.152	ng		99
31) Naphthalene	10.90	128	442247	44.078	ng		97
32) Benzoic acid	10.16	122	83642	41.425	ng	#	86
33) 4-Chloroaniline	11.01	127	135066	31.003	ng	#	93
34) Hexachlorobutadiene	11.19	225	138233	45.192	ng		98
35) Caprolactam	11.79	113	59399m	49.001	ng		
36) 4-Chloro-3-methylphenol	12.13	107	204946	50.125	ng		92
37) 2-Methylnaphthalene	12.50	142	352216	46.303	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	248184	46.614	ng		99
40) Hexachlorocyclopentadiene	12.85	237	307667	92.150	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162509	50.975	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	181210	51.787	ng		98
45) 1,1'-Biphenyl	13.51	154	479924	41.755	ng		97
46) 2-Chloronaphthalene	13.55	162	379411	43.661	ng		98
47) 2-Nitroaniline	13.75	65	127243	49.586	ng		88
48) Acenaphthylene	14.40	152	632981	43.440	ng		97
49) Dimethylphthalate	14.13	163	644836	51.733	ng		99
50) 2,6-Dinitrotoluene	14.25	165	120633	53.049	ng	#	89
51) Acenaphthene	14.74	154	374374	39.323	ng		98
52) 3-Nitroaniline	14.58	138	94915	42.536	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	140600	152.776	ng	#	65
54) Dibenzofuran	15.07	168	613537	43.029	ng		94
55) 4-Nitrophenol	14.89	139	185265	98.377	ng	#	84
56) 2,4-Dinitrotoluene	15.03	165	173271	57.360	ng	#	83
57) Fluorene	15.72	166	496354	41.652	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	180080	52.976	ng		91
59) Diethylphthalate	15.49	149	513043	40.342	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	290156	42.700	ng		97
61) 4-Nitroaniline	15.74	138	116487	48.678	ng		87
62) Azobenzene	16.00	77	501242	40.221	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	104352	61.662	ng		82
65) n-Nitrosodiphenylamine	15.93	169	446664	40.127	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	199300	44.650	ng		94
67) Hexachlorobenzene	16.73	284	204600	45.034	ng	#	92
68) Atrazine	16.87	200	203715	42.915	ng		96
69) Pentachlorophenol	17.07	266	252029	82.497	ng		99
70) Phenanthrene	17.46	178	794390	42.190	ng		97
71) Anthracene	17.55	178	813442	43.129	ng		98
72) Carbazole	17.82	167	735019	42.002	ng		99
73) Di-n-butylphthalate	18.37	149	803533	38.525	ng	#	98
74) Fluoranthene	19.46	202	1008819	41.174	ng		96
76) Benzidine	19.65	184	596659	41.472	ng		97
77) Pyrene	19.83	202	998925	39.183	ng		99
79) Butylbenzylphthalate	20.71	149	376727	40.695	ng		95
80) Benzo(a)anthracene	21.67	228	1032353	41.775	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	304930	32.798	ng	#	98
82) Chrysene	21.73	228	968124	42.788	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	515797	39.432	ng	#	98
84) Di-n-octyl phthalate	22.78	149	885232	39.447	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.57	276	1136742	42.897	ng	#	87
87) Benzo(b)fluoranthene	23.88	252	1027693	44.228	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	952579	41.908	ng	#	96
89) Benzo(a)pyrene	24.75	252	977214	44.693	ng	#	95
90) Dibenzo(a,h)anthracene	28.63	278	927367	42.965	ng	#	96
91) Benzo(g,h,i)perylene	29.71	276	931811	44.113	ng	#	93

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

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