Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034041.D
Acq On : 27 Apr 2018 16:21
Operator : SJ/JU
Sample : J2154-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MSD

Manual Integrations APPROVED
Sohil
4/30/2018 7:02:30 PM

Quant Time: Apr 30 15:21:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	52668m	20.00	ng		-0.08
21) Naphthalene-d8	10.54	136	243815	20.00	ng		-0.09
38) Acenaphthene-d10	14.39	164	190704	20.00	ng		-0.08
63) Phenanthrene-d10	17.15	188	521148	20.00	ng		-0.08
75) Chrysene-d12	21.39	240	545419	20.00	ng		-0.10
86) Perylene-d12	24.39	264	549947	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	385191	116.76	ng		-0.08
7) Phenol-d6	6.95	99	502596	104.45	ng		-0.05
23) Nitrobenzene-d5	8.91	82	399360	93.22	ng		-0.08
41) 2,4,6-Tribromophenol	15.89	330	376454	169.20	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	1204499	92.78	ng		-0.09
78) Terphenyl-d14	19.78	244	2321213	95.61	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	44691m	32.060	ng		
3) Pyridine	3.71	79	74397	18.446	ng		87
4) n-Nitrosodimethylamine	3.63	42	44604	24.275	ng	#	90
6) Aniline	7.09	93	85839	13.346	ng		99
8) 2-Chlorophenol	7.32	128	146606	39.662	ng		97
9) Benzaldehyde	6.91	77	49829m	16.397	ng		
10) Phenol	6.97	94	134359	27.258	ng		95
11) bis(2-Chloroethyl)ether	7.19	93	127199	33.740	ng		87
12) 1,3-Dichlorobenzene	7.64	146	159220m	37.418	ng		
13) 1,4-Dichlorobenzene	7.79	146	158101	36.683	ng		99
14) 1,2-Dichlorobenzene	8.10	146	167322	39.922	ng		96
15) Benzyl Alcohol	8.01	79	116266	27.711	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.28	45	224426	30.522	ng		79
17) 2-Methylphenol	8.21	107	104862	28.707	ng		90
18) Hexachloroethane	8.81	117	64162	40.740	ng		96
19) n-Nitroso-di-n-propylamine	8.55	70	133848	32.634	ng	#	93
20) 3+4-Methylphenols	8.55	107	132816	25.024	ng		95
22) Acetophenone	8.58	105	229707	34.616	ng		98
24) Nitrobenzene	8.95	77	166973	35.765	ng	#	95
25) Isophorone	9.46	82	390687	40.560	ng	#	93
26) 2-Nitrophenol	9.66	139	73954	40.091	ng	#	86
27) 2,4-Dimethylphenol	9.73	122	137742	39.921	ng		92
28) bis(2-Chloroethoxy)methane	9.96	93	190978	37.516	ng	#	96
29) 2,4-Dichlorophenol	10.20	162	156339	40.646	ng		91
30) 1,2,4-Trichlorobenzene	10.40	180	183809	42.667	ng		99
31) Naphthalene	10.58	128	505712	40.334	ng		98
32) Benzoic acid	9.86	122	28142m	12.401	ng		
33) 4-Chloroaniline	10.77	127	16227m	2.754	ng		
34) Hexachlorobutadiene	10.87	225	116715	45.289	ng		99
35) Caprolactam	11.53	113	45469	27.805	ng	#	72
36) 4-Chloro-3-methylphenol	11.85	107	174490	37.169	ng		92
37) 2-Methylnaphthalene	12.20	142	401237	41.798	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	246795	38.973	ng		99
40) Hexachlorocyclopentadiene	12.55	237	244845	70.319	ng		89

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Instrument : BNA_G
ClientSampleId : JC-01-042518MSD

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.82	196	149245	38.655	ng		94
43) 2,4,5-Trichlorophenol	12.91	196	166628	37.540	ng		97
45) 1,1'-Biphenyl	13.22	154	598104	38.744	ng		98
46) 2-Chloronaphthalene	13.26	162	450141	38.456	ng		98
47) 2-Nitroaniline	13.49	65	122315	33.467	ng	#	86
48) Acenaphthylene	14.11	152	749020	38.496	ng		99
49) Dimethylphthalate	13.86	163	671685	40.040	ng		99
50) 2,6-Dinitrotoluene	13.97	165	146943	46.222	ng		86
51) Acenaphthene	14.46	154	460885	37.707	ng		98
52) 3-Nitroaniline	14.35	138	35780	10.365	ng	#	78
53) 2,4-Dinitrophenol	14.53	184	21544	18.949	ng		95
54) Dibenzofuran	14.79	168	759377	41.906	ng		94
55) 4-Nitrophenol	14.67	139	102016	37.681	ng	#	81
56) 2,4-Dinitrotoluene	14.77	165	206872	48.935	ng	#	77
57) Fluorene	15.44	166	658042	41.964	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	202891	49.922	ng	#	88
59) Diethylphthalate	15.23	149	721821	40.708	ng		97
60) 4-Chlorophenyl-phenylether	15.44	204	363030	44.262	ng		94
61) 4-Nitroaniline	15.51	138	99931	27.265	ng		93
62) Azobenzene	15.74	77	566134	35.817	ng		95
64) 4,6-Dinitro-2-methylphenol	15.53	198	49848	23.668	ng		93
65) n-Nitrosodiphenylamine	15.66	169	597072	39.407	ng		99
66) 4-Bromophenyl-phenylether	16.34	248	233998	40.885	ng		96
67) Hexachlorobenzene	16.44	284	255644	41.884	ng	#	72
68) Atrazine	16.62	200	257812	43.434	ng		100
69) Pentachlorophenol	16.80	266	239191	57.052	ng	#	25
70) Phenanthrene	17.19	178	1104283	39.498	ng		98
71) Anthracene	17.28	178	1201470	42.973	ng		98
72) Carbazole	17.56	167	1052400	39.017	ng		99
73) Di-n-butylphthalate	18.12	149	1278617	38.105	ng		99
74) Fluoranthene	19.20	202	1405765	41.568	ng		97
76) Benzidine	19.42	184	248250	16.855	ng		98
77) Pyrene	19.57	202	1406844	39.326	ng		95
79) Butylbenzylphthalate	20.48	149	591502	37.651	ng		91
80) Benzo(a)anthracene	21.37	228	1350367	39.263	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	216202	16.859	ng		99
82) Chrysene	21.44	228	1366790	41.616	ng		97
83) Bis(2-ethylhexyl)phthalate	21.31	149	822171	37.057	ng		98
84) Di-n-octyl phthalate	22.45	149	1410029	40.040	ng		95
85) Indeno(1,2,3-cd)pyrene	27.78	276	1558401	41.685	ng	#	91
87) Benzo(b)fluoranthene	23.45	252	1321761	39.397	ng		99
88) Benzo(k)fluoranthene	23.50	252	1454936	43.658	ng		97
89) Benzo(a)pyrene	24.25	252	1355528	42.188	ng		100
90) Dibenzo(a,h)anthracene	27.84	278	1263670	40.645	ng		97
91) Benzo(g,h,i)perylene	28.83	276	1291793	42.225	ng		98

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

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