Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032158.D
Acq On : 19 Jan 2018 19:06
Operator : SJ/JU
Sample : J1010-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-011718MS

Quant Time: Jan 19 22:19:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	47978	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	199388	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	140140	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	367824	20.00	ng		0.00
75) Chrysene-d12	22.45	240	437963	20.00	ng		0.00
86) Perylene-d12	26.14	264	472593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	365712	139.41	ng		0.00
7) Phenol-d6	7.85	99	427794	129.48	ng		0.00
23) Nitrobenzene-d5	9.94	82	300808	102.07	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	347460	149.83	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	1022408	90.46	ng		0.00
78) Terphenyl-d14	20.65	244	1883899	94.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	27406	27.194	ng	#	74
3) Pyridine	4.29	79	71435	26.555	ng		87
4) n-Nitrosodimethylamine	4.19	42	49973	52.877	ng	#	87
6) Aniline	8.03	93	37040	8.888	ng		93
8) 2-Chlorophenol	8.29	128	133749	45.564	ng		82
9) Benzaldehyde	7.85	77	17217	8.994	ng		93
10) Phenol	7.88	94	132181	40.614	ng		96
11) bis(2-Chloroethyl)ether	8.13	93	107622	41.276	ng	#	81
12) 1,3-Dichlorobenzene	8.63	146	144163	37.524	ng		96
13) 1,4-Dichlorobenzene	8.78	146	150893	39.008	ng		91
14) 1,2-Dichlorobenzene	9.11	146	144191	38.539	ng		96
15) Benzyl Alcohol	8.97	79	118113	49.211	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.27	45	110747	41.794	ng		76
17) 2-Methylphenol	9.17	107	106074	42.648	ng		96
18) Hexachloroethane	9.87	117	48244	40.581	ng	#	78
19) n-Nitroso-di-n-propylamine	9.56	70	89190	43.509	ng	#	91
20) 3+4-Methylphenols	9.52	107	142049	41.226	ng		95
22) Acetophenone	9.59	105	201149	44.413	ng	#	91
24) Nitrobenzene	9.99	77	134375	45.710	ng		91
25) Isophorone	10.51	82	253588	46.210	ng	#	85
26) 2-Nitrophenol	10.71	139	81204	46.618	ng	#	85
27) 2,4-Dimethylphenol	10.74	122	135803	49.129	ng		96
28) bis(2-Chloroethoxy)methane	10.99	93	153511	46.429	ng	#	96
29) 2,4-Dichlorophenol	11.25	162	167828	49.343	ng		91
30) 1,2,4-Trichlorobenzene	11.48	180	187014	42.575	ng		99
31) Naphthalene	11.68	128	427616	43.293	ng		99
32) Benzoic acid	10.85	122	50315	25.462	ng	#	82
33) 4-Chloroaniline	11.77	127	23985	5.663	ng		91
34) Hexachlorobutadiene	11.94	225	136736	43.340	ng		100
35) Caprolactam	12.52	113	38185	37.006	ng	#	48
36) 4-Chloro-3-methylphenol	12.85	107	155657	49.998	ng		89
37) 2-Methylnaphthalene	13.24	142	344994	43.995	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	268207	43.906	ng		96
40) Hexachlorocyclopentadiene	13.57	237	330477	96.051	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	162974	47.482	ng		98
43) 2,4,5-Trichlorophenol	13.89	196	175462	44.164	ng	#	92
45) 1,1'-Biphenyl	14.22	154	500183	41.634	ng		96
46) 2-Chloronaphthalene	14.27	162	384523	41.143	ng		96
47) 2-Nitroaniline	14.46	65	90358	50.502	ng	#	73
48) Acenaphthylene	15.11	152	569494	40.015	ng		98
49) Dimethylphthalate	14.81	163	526375	42.922	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	119016	46.756	ng	#	74
51) Acenaphthene	15.44	154	417801	44.396	ng		98
52) 3-Nitroaniline	15.27	138	34132	14.846	ng	#	73
53) 2,4-Dinitrophenol	15.47	184	90850	71.920	ng	#	72
54) Dibenzofuran	15.77	168	611319	43.545	ng		98
55) 4-Nitrophenol	15.56	139	162779	97.155	ng	#	80
56) 2,4-Dinitrotoluene	15.71	165	172879	50.446	ng	#	67
57) Fluorene	16.42	166	496190	43.095	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.98	232	192985	52.509	ng	#	84
59) Diethylphthalate	16.15	149	518422	43.606	ng		97
60) 4-Chlorophenyl-phenylether	16.40	204	318207	45.053	ng		92
61) 4-Nitroaniline	16.42	138	82499	37.408	ng		91
62) Azobenzene	16.69	77	337741	45.388	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	82422	36.331	ng	#	69
65) n-Nitrosodiphenylamine	16.61	169	466471	41.793	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	236343	45.160	ng		95
67) Hexachlorobenzene	17.42	284	236430	40.834	ng	#	91
68) Atrazine	17.53	200	222331	47.366	ng		97
69) Pentachlorophenol	17.75	266	279213	75.445	ng		99
70) Phenanthrene	18.16	178	874255	42.690	ng		99
71) Anthracene	18.25	178	897226	43.927	ng		99
72) Carbazole	18.50	167	777509	43.880	ng		99
73) Di-n-butylphthalate	19.02	149	891945	42.601	ng		99
74) Fluoranthene	20.12	202	1160234	45.250	ng		95
76) Benzidine	20.28	184	104643	9.555	ng		99
77) Pyrene	20.48	202	1172798	42.598	ng		98
79) Butylbenzylphthalate	21.34	149	404937	41.050	ng	#	76
80) Benzo(a)anthracene	22.43	228	1207405	44.329	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	123057	12.094	ng	#	97
82) Chrysene	22.50	228	1127929	43.120	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	562227	38.867	ng	#	96
84) Di-n-octyl phthalate	23.65	149	962173	41.881	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1498624	46.815	ng	#	85
87) Benzo(b)fluoranthene	24.97	252	1284162	44.955	ng	#	95
88) Benzo(k)fluoranthene	25.04	252	1216046	43.565	ng	#	97
89) Benzo(a)pyrene	25.98	252	1235276	45.713	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1244099	47.777	ng	#	94
91) Benzo(g,h,i)perylene	31.80	276	1249663	46.954	ng	#	92

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

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