Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032312.D
Acq On : 26 Jan 2018 2:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/26/2018 4:04:01 PM

Quant Time: Jan 26 03:54:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34169	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	148720	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	113136	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	290489	20.00	ng		0.00
75) Chrysene-d12	22.42	240	352060	20.00	ng		0.00
86) Perylene-d12	26.10	264	383356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	133599	71.51	ng		0.00
7) Phenol-d6	7.83	99	193062	82.05	ng		0.00
23) Nitrobenzene-d5	9.92	82	197990	90.07	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	164842	88.05	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	756035	82.86	ng		0.00
78) Terphenyl-d14	20.63	244	1249635	78.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	20604	28.707	ng	#	77
3) Pyridine	4.26	79	62758	32.757	ng	#	83
4) n-Nitrosodimethylamine	4.17	42	32144	47.758	ng	#	74
6) Aniline	8.02	93	120150	40.484	ng		97
8) 2-Chlorophenol	8.27	128	83853	40.110	ng	#	80
9) Benzaldehyde	7.82	77	58210	42.698	ng		86
10) Phenol	7.86	94	92022	39.702	ng		94
11) bis(2-Chloroethyl)ether	8.11	93	68512	36.895	ng		83
12) 1,3-Dichlorobenzene	8.60	146	107787m	39.394	ng		
13) 1,4-Dichlorobenzene	8.76	146	107631	39.069	ng		94
14) 1,2-Dichlorobenzene	9.09	146	104409	39.184	ng		95
15) Benzyl Alcohol	8.96	79	81256	47.537	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	68478	36.286	ng		76
17) 2-Methylphenol	9.16	107	72954	41.186	ng	#	88
18) Hexachloroethane	9.84	117	34657	40.933	ng	#	75
19) n-Nitroso-di-n-propylamine	9.53	70	64789	44.379	ng	#	94
20) 3+4-Methylphenols	9.50	107	104621	42.635	ng		95
22) Acetophenone	9.56	105	143966	42.617	ng	#	92
24) Nitrobenzene	9.97	77	98835	45.075	ng	#	87
25) Isophorone	10.48	82	179170	43.773	ng	#	85
26) 2-Nitrophenol	10.69	139	60699	46.719	ng	#	82
27) 2,4-Dimethylphenol	10.73	122	84447	40.959	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	99087	40.179	ng	#	90
29) 2,4-Dichlorophenol	11.23	162	113448	44.718	ng		89
30) 1,2,4-Trichlorobenzene	11.45	180	143916	43.925	ng		95
31) Naphthalene	11.65	128	302553	41.067	ng		99
32) Benzoic acid	10.83	122	39457	26.500	ng	#	82
33) 4-Chloroaniline	11.75	127	137881	43.644	ng		93
34) Hexachlorobutadiene	11.92	225	110845	47.103	ng		95
35) Caprolactam	12.51	113	34728	45.122	ng	#	49
36) 4-Chloro-3-methylphenol	12.82	107	110352	47.522	ng	#	87
37) 2-Methylnaphthalene	13.22	142	256112	43.787	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	215548	43.708	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	152916	55.052	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	120426	43.460	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	143747	44.818	ng	#	91
45) 1,1'-Biphenyl	14.20	154	390296	40.241	ng		93
46) 2-Chloronaphthalene	14.25	162	304422	40.347	ng		96
47) 2-Nitroaniline	14.44	65	71762	49.682	ng	#	81
48) Acenaphthylene	15.09	152	463527	40.343	ng		99
49) Dimethylphthalate	14.79	163	417484	42.169	ng		98
50) 2,6-Dinitrotoluene	14.91	165	90208	43.898	ng	#	76
51) Acenaphthene	15.42	154	304643	40.098	ng		99
52) 3-Nitroaniline	15.25	138	79508	42.838	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	21180	25.722	ng	#	86
54) Dibenzofuran	15.75	168	472777	41.715	ng		99
55) 4-Nitrophenol	15.53	139	68062	50.319	ng	#	79
56) 2,4-Dinitrotoluene	15.70	165	127055	45.924	ng	#	68
57) Fluorene	16.40	166	384424	41.357	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	136525	46.013	ng	#	85
59) Diethylphthalate	16.13	149	407609	42.469	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	250090	43.860	ng		95
61) 4-Nitroaniline	16.40	138	82643	46.418	ng		85
62) Azobenzene	16.67	77	250088	41.630	ng		86
64) 4,6-Dinitro-2-methylphenol	16.45	198	59486	33.622	ng	#	71
65) n-Nitrosodiphenylamine	16.58	169	354681	40.238	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	177055	42.838	ng		95
67) Hexachlorobenzene	17.39	284	188953	41.322	ng	#	91
68) Atrazine	17.51	200	152148	41.044	ng		95
69) Pentachlorophenol	17.73	266	102557	35.089	ng		96
70) Phenanthrene	18.13	178	645928	39.938	ng		99
71) Anthracene	18.22	178	653282	40.498	ng		99
72) Carbazole	18.48	167	566056	40.451	ng		98
73) Di-n-butylphthalate	18.99	149	637868	38.576	ng		99
74) Fluoranthene	20.10	202	829840	40.980	ng		94
76) Benzidine	20.26	184	284876	32.359	ng		97
77) Pyrene	20.46	202	845438	38.200	ng		99
79) Butylbenzylphthalate	21.31	149	291103	36.711	ng	#	75
80) Benzo(a)anthracene	22.40	228	899783	41.096	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	356035	43.530	ng	#	95
82) Chrysene	22.47	228	858862	40.846	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	418785	36.015	ng	#	97
84) Di-n-octyl phthalate	23.61	149	672246	36.401	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.36	276	1106289	42.992	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	942483	40.674	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	936101	41.342	ng	#	96
89) Benzo(a)pyrene	25.93	252	902651	41.180	ng	#	95
90) Dibenzo(a,h)anthracene	30.43	278	929753	44.017	ng	#	94
91) Benzo(g,h,i)perylene	31.71	276	915639	42.412	ng	#	91

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

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