Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037825.D
Acq On : 6 Nov 2018 5:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2018 1:21:54 PM

Quant Time: Nov 06 06:29:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58587	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	261304	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	165667	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	374303	20.00	ng		0.00
76) Chrysene-d12	21.77	240	333231	20.00	ng		0.00
87) Perylene-d12	25.09	264	341527	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	267723	76.40	ng		0.00
7) Phenol-d6	7.24	99	393107	74.19	ng		0.00
23) Nitrobenzene-d5	9.28	82	369638	79.24	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	142670	78.96	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	882058	80.29	ng		-0.01
79) Terphenyl-d14	20.07	244	1257083	80.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	67274	37.855	ng		95
3) Pyridine	3.93	79	165535	36.957	ng		98
4) n-Nitrosodimethylamine	3.85	42	60601	37.985	ng		92
6) Aniline	7.42	93	242498	37.513	ng		98
8) 2-Chlorophenol	7.65	128	156718	38.228	ng		97
9) Benzaldehyde	7.24	77	107957	32.569	ng		96
10) Phenol	7.27	94	205284	36.717	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	160343	37.760	ng		96
12) 1,3-Dichlorobenzene	7.98	146	179968	39.433	ng		99
13) 1,4-Dichlorobenzene	8.14	146	179080	38.360	ng		98
14) 1,2-Dichlorobenzene	8.45	146	169806	37.812	ng		97
15) Benzyl Alcohol	8.34	79	143684	36.697	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	285682	37.600	ng		97
17) 2-Methylphenol	8.53	107	135515	36.663	ng		96
18) Hexachloroethane	9.18	117	64328	40.418	ng		95
19) n-Nitroso-di-n-propylamine	8.90	70	130451	35.750	ng		91
20) 3+4-Methylphenols	8.86	107	194175	36.743	ng		99
22) Acetophenone	8.93	105	244161	37.257	ng	#	98
24) Nitrobenzene	9.32	77	192541	39.734	ng		95
25) Isophorone	9.83	82	318809	37.406	ng		96
26) 2-Nitrophenol	10.03	139	97538	44.681	ng		94
27) 2,4-Dimethylphenol	10.07	122	147494	37.842	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	215076	38.516	ng		96
29) 2,4-Dichlorophenol	10.56	162	170512	39.291	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	190153	40.293	ng		98
31) Naphthalene	10.97	128	505454	39.382	ng		99
32) Benzoic acid	10.18	122	88522m	34.967	ng		
33) 4-Chloroaniline	11.08	127	229874	38.119	ng		98
34) Hexachlorobutadiene	11.23	225	116329	41.590	ng		97
35) Caprolactam	11.87	113	65773	37.790	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	184710	37.741	ng		99
37) 2-Methylnaphthalene	12.57	142	367377	39.267	ng		99
38) 1-Methylnaphthalene	12.78	142	352121	38.755	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	224120	41.941	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	107138	41.973	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	145103	40.645	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	152942	39.348	ng		99
46) 1,1'-Biphenyl	13.56	154	551753	40.215	ng		98
47) 2-Chloronaphthalene	13.62	162	420003	40.463	ng		99
48) 2-Nitroaniline	13.82	65	128727	40.896	ng		96
49) Acenaphthylene	14.46	152	629486	40.315	ng		99
50) Dimethylphthalate	14.18	163	504415	39.357	ng		100
51) 2,6-Dinitrotoluene	14.31	165	114768	40.479	ng		93
52) Acenaphthene	14.80	154	379543	39.469	ng		99
53) 3-Nitroaniline	14.65	138	125926	40.008	ng	#	90
54) 2,4-Dinitrophenol	14.85	184	20408	29.646	ng		93
55) Dibenzofuran	15.13	168	621670	39.019	ng		100
56) 4-Nitrophenol	14.93	139	74833m	32.120	ng		
57) 2,4-Dinitrotoluene	15.09	165	156813	42.135	ng		95
58) Fluorene	15.77	166	463970	38.888	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	126136	37.902	ng		100
60) Diethylphthalate	15.53	149	512413	38.943	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	273179	39.283	ng		98
62) 4-Nitroaniline	15.81	138	123631	39.530	ng		91
63) Azobenzene	16.06	77	479000	38.155	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	63907	35.277	ng		98
66) n-Nitrosodiphenylamine	15.98	169	451704	40.119	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	165275	40.208	ng		98
68) Hexachlorobenzene	16.77	284	167666	39.357	ng		97
69) Atrazine	16.92	200	152438	37.447	ng		100
70) Pentachlorophenol	17.12	266	95236	33.374	ng		97
71) Phenanthrene	17.52	178	747810	39.310	ng		100
72) Anthracene	17.61	178	740867	39.685	ng		98
73) Carbazole	17.88	167	743398	39.809	ng		99
74) Di-n-butylphthalate	18.42	149	837511	40.316	ng		99
75) Fluoranthene	19.53	202	853628	39.564	ng		99
77) Benzidine	19.71	184	308706	27.245	ng		99
78) Pyrene	19.89	202	874621	40.150	ng		99
80) Butylbenzylphthalate	20.76	149	381002	42.736	ng		97
81) Benzo(a)anthracene	21.74	228	798937	40.534	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	295121	38.629	ng		98
83) Chrysene	21.81	228	767960	40.519	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	537293	42.995	ng		99
85) Di-n-octyl phthalate	22.86	149	877312	43.052	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	659284	32.432	ng	#	95
88) Benzo(b)fluoranthene	24.03	252	758469	40.508	ng		99
89) Benzo(k)fluoranthene	24.10	252	790526	43.094	ng		99
90) Benzo(a)pyrene	24.93	252	712215	40.030	ng		99
91) Dibenzo(a,h)anthracene	28.98	278	530187	32.305	ng		98
92) Benzo(g,h,i)perylene	30.11	276	570959	34.387	ng		98

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

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