Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037857.D
Acq On : 7 Nov 2018 9:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/9/2018 1:37:04 PM

Quant Time: Nov 07 13:04:01 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	8.09	152	56986	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	253028	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	163438	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	358622	20.00	ng		0.00
76) Chrysene-d12	21.76	240	316248	20.00	ng		-0.01
87) Perylene-d12	25.09	264	320232	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	262841	77.11	ng		-0.01
7) Phenol-d6	7.24	99	388057	75.29	ng		-0.01
23) Nitrobenzene-d5	9.27	82	370433	82.01	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	140135	78.61	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	871684	80.43	ng		-0.01
79) Terphenyl-d14	20.07	244	1220133	82.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	64193	37.136	ng		96
3) Pyridine	3.93	79	158385	36.354	ng		95
4) n-Nitrosodimethylamine	3.85	42	56816	36.613	ng		92
6) Aniline	7.42	93	239984	38.167	ng		97
8) 2-Chlorophenol	7.65	128	154099	38.646	ng		96
9) Benzaldehyde	7.24	77	108913	33.781	ng		93
10) Phenol	7.27	94	205630	37.812	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	157992	38.252	ng		95
12) 1,3-Dichlorobenzene	7.98	146	171615	38.659	ng		95
13) 1,4-Dichlorobenzene	8.13	146	175175	38.578	ng		99
14) 1,2-Dichlorobenzene	8.45	146	168214	38.510	ng		98
15) Benzyl Alcohol	8.34	79	141498	37.154	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	278303	37.658	ng		97
17) 2-Methylphenol	8.52	107	138043	38.396	ng		98
18) Hexachloroethane	9.18	117	63029	40.715	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	129339	36.442	ng		94
20) 3+4-Methylphenols	8.85	107	196733	38.273	ng		94
22) Acetophenone	8.92	105	245587	38.701	ng	#	98
24) Nitrobenzene	9.32	77	191573	40.827	ng		93
25) Isophorone	9.83	82	321123	38.910	ng		96
26) 2-Nitrophenol	10.02	139	94446	44.680	ng		96
27) 2,4-Dimethylphenol	10.06	122	146835	38.905	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	212185	39.241	ng		96
29) 2,4-Dichlorophenol	10.55	162	171350	40.776	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	189004	41.359	ng		96
31) Naphthalene	10.97	128	496706	39.966	ng		99
32) Benzoic acid	10.18	122	84292	34.385	ng		98
33) 4-Chloroaniline	11.08	127	230633	39.496	ng		97
34) Hexachlorobutadiene	11.23	225	114189	42.161	ng		98
35) Caprolactam	11.87	113	64129	38.050	ng		92
36) 4-Chloro-3-methylphenol	12.18	107	184507	38.932	ng		99
37) 2-Methylnaphthalene	12.56	142	363562	40.130	ng		98
38) 1-Methylnaphthalene	12.78	142	349334	39.705	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	219860	41.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	109663	43.548	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	144937	41.152	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	152623	39.801	ng		98
46) 1,1'-Biphenyl	13.56	154	541330	39.993	ng		99
47) 2-Chloronaphthalene	13.61	162	413895	40.419	ng		98
48) 2-Nitroaniline	13.82	65	125505	40.416	ng		93
49) Acenaphthylene	14.46	152	615059	39.928	ng		99
50) Dimethylphthalate	14.18	163	488640	38.646	ng		100
51) 2,6-Dinitrotoluene	14.31	165	113481	40.571	ng		91
52) Acenaphthene	14.79	154	369662	38.966	ng		99
53) 3-Nitroaniline	14.64	138	124375	40.055	ng	#	95
54) 2,4-Dinitrophenol	14.84	184	34902	41.924	ng		99
55) Dibenzofuran	15.13	168	612382	38.960	ng		100
56) 4-Nitrophenol	14.93	139	78068	33.966	ng		95
57) 2,4-Dinitrotoluene	15.09	165	153849	41.902	ng	#	96
58) Fluorene	15.77	166	448354	38.091	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	126779	38.614	ng		98
60) Diethylphthalate	15.53	149	500558	38.561	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	265869	38.753	ng		98
62) 4-Nitroaniline	15.80	138	116839	37.867	ng		95
63) Azobenzene	16.06	77	469488	37.907	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	67907	38.196	ng		96
66) n-Nitrosodiphenylamine	15.98	169	443967	41.156	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	163833	41.600	ng		98
68) Hexachlorobenzene	16.77	284	165801	40.621	ng		99
69) Atrazine	16.92	200	148606	38.102	ng		99
70) Pentachlorophenol	17.11	266	95269	34.846	ng		95
71) Phenanthrene	17.52	178	727856	39.934	ng		99
72) Anthracene	17.61	178	722189	40.376	ng		98
73) Carbazole	17.88	167	714324	39.925	ng		99
74) Di-n-butylphthalate	18.42	149	816966	41.047	ng		99
75) Fluoranthene	19.52	202	824597	39.889	ng		100
77) Benzidine	19.70	184	329125	30.607	ng		99
78) Pyrene	19.89	202	847256	40.983	ng		99
80) Butylbenzylphthalate	20.76	149	361875	42.770	ng		94
81) Benzo(a)anthracene	21.74	228	751428	40.171	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	285910	39.433	ng		99
83) Chrysene	21.81	228	728864	40.522	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	511975	43.169	ng		100
85) Di-n-octyl phthalate	22.85	149	834268	43.139	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	647669m	33.572	ng		
88) Benzo(b)fluoranthene	24.02	252	710659	40.479	ng		99
89) Benzo(k)fluoranthene	24.09	252	731250	42.513	ng		99
90) Benzo(a)pyrene	24.93	252	682987	40.940	ng		100
91) Dibenzo(a,h)anthracene	28.96	278	513735m	33.385	ng		
92) Benzo(g,h,i)perylene	30.10	276	543756	34.927	ng		98

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

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