Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038498.D
Acq On : 12 Dec 2018 11:40
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:41 PM

Quant Time: Dec 12 13:00:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 12:12:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26294	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	107041	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67948	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	166878	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167100	20.00	ng	0.00
87) Perylene-d12	25.02	264	185898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	118721	79.90	ng	0.00
7) Phenol-d6	7.21	99	162177	75.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	168641	78.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	76910	92.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	397137	83.28	ng	0.00
79) Terphenyl-d14	20.05	244	614721	78.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	28011	41.133	ng	100
3) Pyridine	3.90	79	91055	44.694	ng	100
4) n-Nitrosodimethylamine	3.82	42	40585	45.478	ng	100
6) Aniline	7.39	93	105116	38.323	ng	100
8) 2-Chlorophenol	7.62	128	68983	39.976	ng	100
9) Benzaldehyde	7.20	77	48795	35.882	ng	100
10) Phenol	7.24	94	86437	38.095	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	67368	36.253	ng	100
12) 1,3-Dichlorobenzene	7.95	146	80224	39.777	ng	100
13) 1,4-Dichlorobenzene	8.09	146	81551	39.080	ng	100
14) 1,2-Dichlorobenzene	8.42	146	76121	36.919	ng	100
15) Benzyl Alcohol	8.30	79	66327	37.567	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	155542	36.799	ng	100
17) 2-Methylphenol	8.49	107	59130	34.333	ng	100
18) Hexachloroethane	9.14	117	29836	39.615	ng	100
19) n-Nitroso-di-n-propylamine	8.86	70	57521	34.798	ng	100
20) 3+4-Methylphenols	8.83	107	81484	35.646	ng	100
22) Acetophenone	8.89	105	107685	38.433	ng	100
24) Nitrobenzene	9.28	77	85044	38.825	ng	100
25) Isophorone	9.79	82	176919	46.694	ng	100
26) 2-Nitrophenol	9.99	139	43641	42.998	ng	100
27) 2,4-Dimethylphenol	10.03	122	62841	43.107	ng	100
28) bis(2-Chloroethoxy)methane	10.28	93	86472	39.811	ng	100
29) 2,4-Dichlorophenol	10.52	162	72425	43.522	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	83455	42.722	ng	100
31) Naphthalene	10.93	128	210817	41.231	ng	100
32) Benzoic acid	10.19	122	36387m	38.324	ng	
33) 4-Chloroaniline	11.04	127	94584	41.787	ng	100
34) Hexachlorobutadiene	11.19	225	57866	47.350	ng	100
35) Caprolactam	11.83	113	27504	39.968	ng	100
36) 4-Chloro-3-methylphenol	12.15	107	78523	42.470	ng	100
37) 2-Methylnaphthalene	12.53	142	150569	41.350	ng	100
38) 1-Methylnaphthalene	12.75	142	145617	41.754	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	102611	43.887	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	57482	44.738	ng		100
43) 2,4,6-Trichlorophenol	13.13	196	66384	43.830	ng		100
44) 2,4,5-Trichlorophenol	13.21	196	69653	43.411	ng		100
46) 1,1'-Biphenyl	13.53	154	231841	40.365	ng		100
47) 2-Chloronaphthalene	13.58	162	176116	40.635	ng		100
48) 2-Nitroaniline	13.79	65	57925	39.837	ng		100
49) Acenaphthylene	14.42	152	267610	40.998	ng		100
50) Dimethylphthalate	14.15	163	225275	41.335	ng		100
51) 2,6-Dinitrotoluene	14.28	165	50919	40.900	ng		100
52) Acenaphthene	14.76	154	158149	39.743	ng		100
53) 3-Nitroaniline	14.62	138	52853	39.419	ng		100
54) 2,4-Dinitrophenol	14.82	184	27244	39.921	ng		100
55) Dibenzofuran	15.09	168	267912	40.724	ng		100
56) 4-Nitrophenol	14.91	139	41251	38.947	ng		100
57) 2,4-Dinitrotoluene	15.06	165	73413	42.755	ng		100
58) Fluorene	15.74	166	202405	41.761	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62451	44.814	ng		100
60) Diethylphthalate	15.50	149	242696	40.195	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	126178	43.342	ng		100
62) 4-Nitroaniline	15.78	138	55775	42.294	ng		100
63) Azobenzene	16.02	77	206727	39.121	ng		100
65) 4,6-Dinitro-2-methylphenol	15.82	198	48567	44.418	ng		100
66) n-Nitrosodiphenylamine	15.95	169	196989	41.978	ng		100
67) 4-Bromophenyl-phenylether	16.63	248	82617	45.845	ng		100
68) Hexachlorobenzene	16.74	284	86533	46.553	ng		100
69) Atrazine	16.89	200	75326	43.018	ng		100
70) Pentachlorophenol	17.09	266	51871	40.742	ng		100
71) Phenanthrene	17.49	178	345464	41.337	ng		100
72) Anthracene	17.58	178	346809	42.852	ng		100
73) Carbazole	17.85	167	342109	42.591	ng		100
74) Di-n-butylphthalate	18.38	149	395595	42.157	ng		100
75) Fluoranthene	19.49	202	420367	43.053	ng		100
77) Benzidine	19.68	184	237931	42.196	ng		100
78) Pyrene	19.86	202	433297	37.060	ng		100
80) Butylbenzylphthalate	20.73	149	177329	37.710	ng		100
81) Benzo(a)anthracene	21.70	228	416096	40.515	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	169963	42.542	ng		100
83) Chrysene	21.77	228	396208	40.768	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	255504	38.334	ng		100
85) Di-n-octyl phthalate	22.80	149	431828	37.785	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	480612	43.513	ng	#	100
88) Benzo(b)fluoranthene	23.96	252	417118	39.711	ng		100
89) Benzo(k)fluoranthene	24.04	252	416421	39.805	ng		100
90) Benzo(a)pyrene	24.87	252	402414	39.497	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	401253	41.523	ng		100
92) Benzo(g,h,i)perylene	30.00	276	395244	41.225	ng		100

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

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