Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043538.D
Acq On : 7 Nov 2019 14:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/8/2019 3:32:58 PM

Quant Time: Nov 08 06:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31897	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	119862	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	87772	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	204270	20.00	ng		0.00
76) Chrysene-d12	21.66	240	210922	20.00	ng		0.00
87) Perylene-d12	24.85	264	248580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	142952	82.12	ng		0.02
7) Phenol-d6	7.22	99	198546	79.28	ng		0.02
23) Nitrobenzene-d5	9.17	82	185021	79.58	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	126767	75.89	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	500785	78.84	ng		0.00
79) Terphenyl-d14	19.99	244	935604	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	28076	41.390	ng		96
3) Pyridine	3.88	79	73161	42.756	ng		98
4) n-Nitrosodimethylamine	3.80	42	35385	40.981	ng		92
6) Aniline	7.34	93	111393	38.611	ng		97
8) 2-Chlorophenol	7.59	128	75295	39.185	ng		97
9) Benzaldehyde	7.15	77	48844	39.685	ng		95
10) Phenol	7.24	94	91563	40.010	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	64745	36.592	ng		98
12) 1,3-Dichlorobenzene	7.90	146	92819	38.554	ng		96
13) 1,4-Dichlorobenzene	8.04	146	94816	38.926	ng		96
14) 1,2-Dichlorobenzene	8.36	146	89524	37.642	ng		98
15) Benzyl Alcohol	8.26	79	68358	38.865	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	92324	35.885	ng		98
17) 2-Methylphenol	8.48	107	65364	39.179	ng		96
18) Hexachloroethane	9.09	117	33106	37.672	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	59439	36.729	ng		96
20) 3+4-Methylphenols	8.81	107	87371	38.191	ng	#	86
22) Acetophenone	8.83	105	122535	39.920	ng	#	95
24) Nitrobenzene	9.21	77	87990	39.729	ng	#	94
25) Isophorone	9.74	82	160695	37.805	ng		97
26) 2-Nitrophenol	9.93	139	44864	41.958	ng		93
27) 2,4-Dimethylphenol	10.01	122	64494	42.083	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	91745	39.107	ng		97
29) 2,4-Dichlorophenol	10.49	162	81638	41.576	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	99584	40.238	ng		99
31) Naphthalene	10.86	128	243446	40.013	ng		100
32) Benzoic acid	10.19	122	45300	40.463	ng		89
33) 4-Chloroaniline	10.98	127	101801	40.819	ng		99
34) Hexachlorobutadiene	11.15	225	71101	38.864	ng		97
35) Caprolactam	11.75	113	26749	39.554	ng		99
36) 4-Chloro-3-methylphenol	12.13	107	86414	40.345	ng		98
37) 2-Methylnaphthalene	12.47	142	182197	39.029	ng		98
38) 1-Methylnaphthalene	12.69	142	173962	39.165	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	126795	39.034	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	109401	64.114	ng		100
43) 2,4,6-Trichlorophenol	13.08	196	73217	38.274	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	76268	39.436	ng		99
46) 1,1'-Biphenyl	13.47	154	259677	38.890	ng		95
47) 2-Chloronaphthalene	13.52	162	199419	39.252	ng		97
48) 2-Nitroaniline	13.73	65	60802	40.042	ng		91
49) Acenaphthylene	14.36	152	311476	39.392	ng		99
50) Dimethylphthalate	14.10	163	260630	38.336	ng		97
51) 2,6-Dinitrotoluene	14.21	165	56256	38.089	ng		99
52) Acenaphthene	14.70	154	187824	38.952	ng		97
53) 3-Nitroaniline	14.56	138	56812	39.840	ng	#	92
54) 2,4-Dinitrophenol	14.77	184	26011m	32.918	ng		
55) Dibenzofuran	15.04	168	303661	38.833	ng		99
56) 4-Nitrophenol	14.91	139	34599	36.207	ng		89
57) 2,4-Dinitrotoluene	15.01	165	82778	39.217	ng	#	96
58) Fluorene	15.69	166	253184	38.604	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	74472	36.244	ng		97
60) Diethylphthalate	15.45	149	257991	37.767	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	147436	38.535	ng		97
62) 4-Nitroaniline	15.72	138	60745	41.248	ng		93
63) Azobenzene	15.97	77	205579	37.185	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	43433	36.130	ng		96
66) n-Nitrosodiphenylamine	15.89	169	220126	38.169	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	104198	37.904	ng		97
68) Hexachlorobenzene	16.69	284	120118	38.066	ng		96
69) Atrazine	16.84	200	72330	36.094	ng		94
70) Pentachlorophenol	17.05	266	49157	34.188	ng		99
71) Phenanthrene	17.43	178	405903	38.805	ng		99
72) Anthracene	17.52	178	409190	39.099	ng		98
73) Carbazole	17.80	167	369386	38.976	ng		97
74) Di-n-butylphthalate	18.34	149	446736	38.849	ng		99
75) Fluoranthene	19.44	202	522791	38.337	ng		99
77) Benzidine	19.62	184	185884	43.790	ng		99
78) Pyrene	19.80	202	535169	40.991	ng		100
80) Butylbenzylphthalate	20.68	149	206208	41.689	ng		97
81) Benzo(a)anthracene	21.63	228	545064	41.255	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	213418	41.764	ng		99
83) Chrysene	21.70	228	532081	40.533	ng		97
84) Bis(2-ethylhexyl)phthalate	21.53	149	291414	41.475	ng		98
85) Di-n-octyl phthalate	22.73	149	484510	40.645	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	660520	40.085	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	551590	39.179	ng		100
89) Benzo(k)fluoranthene	23.90	252	574681	40.547	ng		99
90) Benzo(a)pyrene	24.70	252	536367	39.896	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	548359	39.876	ng		99
92) Benzo(g,h,i)perylene	29.62	276	537960	39.660	ng		99

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

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