Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039294.D
Acq On : 26 Jan 2019 3:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:05 AM

Quant Time: Jan 28 03:53:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	17952	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	75350	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	50066	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	124031	20.00	ng		0.00
76) Chrysene-d12	21.67	240	168564	20.00	ng		0.00
87) Perylene-d12	24.92	264	176112	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	76874	81.23	ng		0.00
7) Phenol-d6	7.17	99	110410	81.07	ng		0.00
23) Nitrobenzene-d5	9.19	82	109116	79.24	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	65547	78.10	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	304391	83.21	ng		0.00
79) Terphenyl-d14	20.00	244	578059	63.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	13056	35.230	ng		98
3) Pyridine	3.84	79	46125	45.805	ng		99
4) n-Nitrosodimethylamine	3.76	42	20590	45.439	ng		92
6) Aniline	7.34	93	66125	40.428	ng		97
8) 2-Chlorophenol	7.57	128	44295	39.707	ng		94
9) Benzaldehyde	7.15	77	28096	35.772	ng		97
10) Phenol	7.20	94	54646	40.021	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	41394	39.665	ng		98
12) 1,3-Dichlorobenzene	7.89	146	52451	39.243	ng		96
13) 1,4-Dichlorobenzene	8.04	146	53748	39.707	ng		99
14) 1,2-Dichlorobenzene	8.36	146	51694	40.053	ng		99
15) Benzyl Alcohol	8.25	79	42402	41.342	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83005	41.480	ng		99
17) 2-Methylphenol	8.45	107	38084	40.168	ng		97
18) Hexachloroethane	9.08	117	18912	41.125	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	37430	41.852	ng	#	94
20) 3+4-Methylphenols	8.78	107	55385	40.972	ng		97
22) Acetophenone	8.83	105	77106	39.184	ng		98
24) Nitrobenzene	9.23	77	54128	38.889	ng		96
25) Isophorone	9.74	82	94242	39.731	ng		98
26) 2-Nitrophenol	9.94	139	29664	39.402	ng		99
27) 2,4-Dimethylphenol	9.98	122	40115	37.874	ng		89
28) bis(2-Chloroethoxy)methane	10.22	93	59811	41.956	ng		96
29) 2,4-Dichlorophenol	10.47	162	64078	48.698	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	66665	42.166	ng		98
31) Naphthalene	10.87	128	170026	44.991	ng		99
32) Benzoic acid	10.18	122	13278m	25.819	ng		
33) 4-Chloroaniline	10.99	127	71773	42.444	ng		99
34) Hexachlorobutadiene	11.13	225	54405	50.011	ng		97
35) Caprolactam	11.78	113	22970	43.533	ng	#	88
36) 4-Chloro-3-methylphenol	12.11	107	63099	44.835	ng		91
37) 2-Methylnaphthalene	12.47	142	119228	42.080	ng		98
38) 1-Methylnaphthalene	12.69	142	117538	43.219	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	81139	43.153	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	35384	36.753	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	49307	41.666	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	56296	45.010	ng		99
46) 1,1'-Biphenyl	13.48	154	166845	42.057	ng		99
47) 2-Chloronaphthalene	13.53	162	133339	41.535	ng		99
48) 2-Nitroaniline	13.75	65	38719	43.051	ng		97
49) Acenaphthylene	14.38	152	194986	40.409	ng		98
50) Dimethylphthalate	14.10	163	170204	40.230	ng		100
51) 2,6-Dinitrotoluene	14.23	165	37563	39.712	ng		97
52) Acenaphthene	14.71	154	116063	40.034	ng		98
53) 3-Nitroaniline	14.57	138	38579	40.205	ng		96
54) 2,4-Dinitrophenol	14.78	184	16834	33.149	ng		99
55) Dibenzofuran	15.04	168	206611	40.352	ng		100
56) 4-Nitrophenol	14.88	139	25711	37.239	ng		97
57) 2,4-Dinitrotoluene	15.02	165	54256	39.981	ng		98
58) Fluorene	15.70	166	152620	39.599	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	44806	37.950	ng		98
60) Diethylphthalate	15.45	149	176854	40.572	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	98853	40.712	ng		97
62) 4-Nitroaniline	15.74	138	38485	38.500	ng		95
63) Azobenzene	15.97	77	135085	39.628	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	35766	38.923	ng		92
66) n-Nitrosodiphenylamine	15.90	169	148119	40.284	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	66095	41.455	ng		97
68) Hexachlorobenzene	16.69	284	70687	40.631	ng		99
69) Atrazine	16.84	200	59225	37.916	ng		99
70) Pentachlorophenol	17.05	266	41742	41.817	ng		99
71) Phenanthrene	17.44	178	263811	40.240	ng		98
72) Anthracene	17.53	178	262477	40.493	ng		99
73) Carbazole	17.81	167	255912	39.993	ng		99
74) Di-n-butylphthalate	18.34	149	283715	39.855	ng		98
75) Fluoranthene	19.45	202	350986	43.186	ng		99
77) Benzidine	19.63	184	160299	31.091	ng		100
78) Pyrene	19.81	202	333907	31.083	ng		99
80) Butylbenzylphthalate	20.68	149	134789	32.990	ng		96
81) Benzo(a)anthracene	21.65	228	423832	41.304	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	167709	40.113	ng		99
83) Chrysene	21.72	228	401403	41.130	ng		100
84) Bis(2-ethylhexyl)phthalate	21.51	149	259149	45.681	ng		97
85) Di-n-octyl phthalate	22.72	149	426036	44.413	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	417672	35.816	ng		99
88) Benzo(b)fluoranthene	23.88	252	412033m	42.430	ng		
89) Benzo(k)fluoranthene	23.95	252	398694	41.525	ng	#	97
90) Benzo(a)pyrene	24.77	252	390515	41.605	ng	#	98
91) Dibenzo(a,h)anthracene	28.72	278	373520	40.008	ng		99
92) Benzo(g,h,i)perylene	29.84	276	311874	33.743	ng		98

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

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