Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044682.D
Acq On : 5 Mar 2020 13:26
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:26 PM

Quant Time: Mar 05 16:15:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 15:55:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56912	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	239254	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	171554	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	393924	20.00	ng		0.00
76) Chrysene-d12	21.71	240	352994	20.00	ng		0.00
87) Perylene-d12	24.94	264	412832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	152258	42.92	ng		0.00
7) Phenol-d6	7.21	99	230339	47.44	ng		0.00
23) Nitrobenzene-d5	9.22	82	191259	41.18	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	89621	36.84	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	508403	42.44	ng		0.00
79) Terphenyl-d14	20.06	244	856728	45.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	37702	24.358	ng		97
3) Pyridine	3.92	79	111592	25.838	ng		98
4) n-Nitrosodimethylamine	3.83	42	47824	29.155	ng	#	82
6) Aniline	7.38	93	142700	24.140	ng		97
8) 2-Chlorophenol	7.62	128	77547	20.027	ng		93
9) Benzaldehyde	7.19	77	82264	28.814	ng		96
10) Phenol	7.24	94	111098	23.612	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	89227	22.558	ng		96
12) 1,3-Dichlorobenzene	7.95	146	89687	19.420	ng		98
13) 1,4-Dichlorobenzene	8.10	146	91501	19.714	ng		90
14) 1,2-Dichlorobenzene	8.42	146	87138	19.742	ng		97
15) Benzyl Alcohol	8.29	79	97255	29.701	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	165264	31.089	ng		97
17) 2-Methylphenol	8.49	107	75815	22.555	ng		97
18) Hexachloroethane	9.15	117	36895	21.752	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	85294	27.330	ng		96
20) 3+4-Methylphenols	8.82	107	106999	23.251	ng		95
22) Acetophenone	8.88	105	142062	23.650	ng		98
24) Nitrobenzene	9.26	77	102971	22.886	ng		92
25) Isophorone	9.79	82	234846	27.032	ng		100
26) 2-Nitrophenol	9.97	139	29042	11.902	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	70725	20.643	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	132968	23.144	ng		99
29) 2,4-Dichlorophenol	10.51	162	79021	19.292	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	95499	20.160	ng		91
31) Naphthalene	10.92	128	268376	20.557	ng		97
32) Benzoic acid	10.12	122	40730	30.629	ng		98
33) 4-Chloroaniline	11.02	127	121988	21.215	ng		98
34) Hexachlorobutadiene	11.23	225	64254	21.599	ng		98
35) Caprolactam	11.76	113	36137	24.645	ng		92
36) 4-Chloro-3-methylphenol	12.13	107	104553	24.798	ng		98
37) 2-Methylnaphthalene	12.52	142	201114	20.844	ng		99
38) 1-Methylnaphthalene	12.74	142	194235	21.186	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109088	18.888	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	61812	27.130	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	74877	19.967	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	75112	19.499	ng		90
46) 1,1'-Biphenyl	13.53	154	268319	18.900	ng		99
47) 2-Chloronaphthalene	13.57	162	203157	18.249	ng		98
48) 2-Nitroaniline	13.76	65	56839	18.393	ng		97
49) Acenaphthylene	14.42	152	338651	20.608	ng		97
50) Dimethylphthalate	14.15	163	291801	21.074	ng		100
51) 2,6-Dinitrotoluene	14.25	165	43401	14.212	ng		98
52) Acenaphthene	14.76	154	210134	20.060	ng		99
53) 3-Nitroaniline	14.58	138	52616	15.976	ng	#	97
54) 2,4-Dinitrophenol	14.78	184	20134	13.721	ng	#	47
55) Dibenzofuran	15.09	168	324023	20.177	ng		95
56) 4-Nitrophenol	14.87	139	40115	17.707	ng	#	90
57) 2,4-Dinitrotoluene	15.04	165	56095	13.065	ng		99
58) Fluorene	15.74	166	270115	21.214	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	71345m	20.112	ng		
60) Diethylphthalate	15.51	149	307838	22.438	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	142941	20.646	ng		97
62) 4-Nitroaniline	15.74	138	60244	18.268	ng		98
63) Azobenzene	16.03	77	325521	27.879	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	25553	10.476	ng		97
66) n-Nitrosodiphenylamine	15.95	169	241114	19.622	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	98031	20.048	ng		97
68) Hexachlorobenzene	16.75	284	105444	19.073	ng		99
69) Atrazine	16.90	200	96643	21.275	ng		98
70) Pentachlorophenol	17.09	266	56652	24.735	ng		95
71) Phenanthrene	17.48	178	443597	20.340	ng		97
72) Anthracene	17.57	178	438719	20.413	ng		96
73) Carbazole	17.84	167	416688	21.300	ng		98
74) Di-n-butylphthalate	18.42	149	543995	22.191	ng		99
75) Fluoranthene	19.49	202	542368	21.008	ng		97
77) Benzidine	19.66	184	288889	23.891	ng		98
78) Pyrene	19.85	202	553724	21.609	ng		97
80) Butylbenzylphthalate	20.75	149	234935	20.961	ng		99
81) Benzo(a)anthracene	21.70	228	539165	21.732	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	212584	21.689	ng		99
83) Chrysene	21.76	228	501564	20.909	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	339858	22.006	ng		98
85) Di-n-octyl phthalate	22.87	149	578736	21.299	ng		100
86) Indeno(1,2,3-cd)pyrene	28.61	276	643824	20.914	ng		99
88) Benzo(b)fluoranthene	23.92	252	559889	20.627	ng		99
89) Benzo(k)fluoranthene	23.99	252	524690	19.923	ng		100
90) Benzo(a)pyrene	24.79	252	516683	20.260	ng		96
91) Dibenzo(a,h)anthracene	28.68	278	512442	20.318	ng		99
92) Benzo(g,h,i)perylene	29.74	276	516495	20.440	ng		98

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

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