Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045139.D
Acq On : 23 Apr 2020 13:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:59 PM

Quant Time: Apr 23 14:08:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	75005	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	304975	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	220708	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	535432	20.00	ng		0.00
76) Chrysene-d12	21.66	240	485337	20.00	ng		0.00
87) Perylene-d12	24.83	264	533899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	372126	81.91	ng		0.00
7) Phenol-d6	7.17	99	542643	80.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	541019	80.94	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	268439	78.73	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	1214860	80.71	ng		0.00
79) Terphenyl-d14	20.00	244	1958289	87.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	82196	40.710	ng		98
3) Pyridine	3.87	79	244223	39.286	ng		96
4) n-Nitrosodimethylamine	3.78	42	77772	40.838	ng		96
6) Aniline	7.33	93	344758	39.283	ng		99
8) 2-Chlorophenol	7.58	128	193681	39.667	ng		96
9) Benzaldehyde	7.14	77	147307	38.217	ng		95
10) Phenol	7.20	94	269527	39.903	ng		100
11) bis(2-Chloroethyl)ether	7.42	93	210161	39.079	ng		97
12) 1,3-Dichlorobenzene	7.90	146	232145	40.348	ng		99
13) 1,4-Dichlorobenzene	8.04	146	225848	39.394	ng		96
14) 1,2-Dichlorobenzene	8.36	146	217632	39.679	ng		96
15) Benzyl Alcohol	8.24	79	218742	38.652	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	190413	36.070	ng		98
17) 2-Methylphenol	8.45	107	203626	39.073	ng		96
18) Hexachloroethane	9.10	117	86858	40.301	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	181147	37.948	ng		99
20) 3+4-Methylphenols	8.78	107	284440	38.993	ng		98
22) Acetophenone	8.83	105	320853	38.904	ng	#	98
24) Nitrobenzene	9.21	77	276442	40.349	ng		98
25) Isophorone	9.73	82	525694	38.407	ng		99
26) 2-Nitrophenol	9.92	139	124199	42.085	ng		99
27) 2,4-Dimethylphenol	9.98	122	187034	39.942	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	278251	38.691	ng		99
29) 2,4-Dichlorophenol	10.46	162	217777	40.278	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	251859	41.142	ng		98
31) Naphthalene	10.87	128	665374	39.882	ng		99
32) Benzoic acid	10.13	122	109597	31.499	ng		95
33) 4-Chloroaniline	10.97	127	297074	38.181	ng		98
34) Hexachlorobutadiene	11.16	225	173790	41.406	ng		97
35) Caprolactam	11.73	113	77884	36.193	ng		97
36) 4-Chloro-3-methylphenol	12.09	107	252782	39.797	ng		98
37) 2-Methylnaphthalene	12.47	142	498879	38.525	ng		94
38) 1-Methylnaphthalene	12.69	142	466588m	38.167	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	283990	39.964	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	192077	43.246	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	207634	41.400	ng		96
44) 2,4,5-Trichlorophenol	13.15	196	232725	40.766	ng		97
46) 1,1'-Biphenyl	13.48	154	660148	39.352	ng		97
47) 2-Chloronaphthalene	13.52	162	506795	39.538	ng		99
48) 2-Nitroaniline	13.71	65	169840	40.271	ng		97
49) Acenaphthylene	14.37	152	825953	39.559	ng		99
50) Dimethylphthalate	14.10	163	712725	39.660	ng		99
51) 2,6-Dinitrotoluene	14.21	165	160836	40.013	ng		97
52) Acenaphthene	14.71	154	561580m	39.754	ng		
53) 3-Nitroaniline	14.54	138	171937	39.001	ng		94
54) 2,4-Dinitrophenol	14.75	184	102167	42.744	ng		93
55) Dibenzofuran	15.04	168	814150	39.531	ng		99
56) 4-Nitrophenol	14.85	139	133030	38.918	ng		93
57) 2,4-Dinitrotoluene	15.00	165	235776	40.137	ng	#	95
58) Fluorene	15.69	166	666840	39.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	205877	40.531	ng		98
60) Diethylphthalate	15.47	149	746731	39.854	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	386104	39.875	ng		100
62) 4-Nitroaniline	15.71	138	177889	38.904	ng		92
63) Azobenzene	15.98	77	683988	39.595	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	147711	41.970	ng		98
66) n-Nitrosodiphenylamine	15.90	169	597008	38.807	ng		100
67) 4-Bromophenyl-phenylether	16.58	248	272194	39.406	ng		99
68) Hexachlorobenzene	16.70	284	284357	39.693	ng		99
69) Atrazine	16.85	200	227960	40.107	ng		95
70) Pentachlorophenol	17.05	266	165025	37.550	ng		97
71) Phenanthrene	17.43	178	1093681	39.749	ng		99
72) Anthracene	17.52	178	1100614	39.878	ng		99
73) Carbazole	17.79	167	1078858	38.519	ng		99
74) Di-n-butylphthalate	18.36	149	1276269	41.371	ng		99
75) Fluoranthene	19.44	202	1338675	40.821	ng		99
77) Benzidine	19.61	184	630811	44.855	ng		98
78) Pyrene	19.80	202	1354461	40.481	ng		99
80) Butylbenzylphthalate	20.69	149	576557	41.571	ng		99
81) Benzo(a)anthracene	21.63	228	1275687	40.554	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	515163	41.146	ng		99
83) Chrysene	21.70	228	1214976	40.199	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	777895	40.781	ng		97
85) Di-n-octyl phthalate	22.76	149	1333594	40.429	ng		100
86) Indeno(1,2,3-cd)pyrene	28.45	276	1584247	39.480	ng	#	96
88) Benzo(b)fluoranthene	23.83	252	1352383	40.438	ng		98
89) Benzo(k)fluoranthene	23.89	252	1288745	40.521	ng		99
90) Benzo(a)pyrene	24.68	252	1268189	40.164	ng		98
91) Dibenzo(a,h)anthracene	28.50	278	1297904	40.793	ng		95
92) Benzo(g,h,i)perylene	29.56	276	1280742	40.151	ng		98

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

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