Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BG045216.D
Acq On : 1 May 2020 13:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2020 3:46:11 PM

Quant Time: May 01 13:50:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	74417	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	305177	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	238484	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	583942	20.00	ng		0.00
76) Chrysene-d12	21.65	240	555711	20.00	ng		0.00
87) Perylene-d12	24.83	264	629427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	367956	81.63	ng		0.00
7) Phenol-d6	7.16	99	542511	81.01	ng		0.00
23) Nitrobenzene-d5	9.15	82	539694	80.69	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	306608	83.22	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1284799	79.00	ng		0.00
79) Terphenyl-d14	19.99	244	2128015	83.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	85229	42.546	ng		99
3) Pyridine	3.85	79	239946	38.903	ng		98
4) n-Nitrosodimethylamine	3.76	42	79076	41.851	ng		96
6) Aniline	7.31	93	342785	39.367	ng		98
8) 2-Chlorophenol	7.56	128	196274	40.516	ng		98
9) Benzaldehyde	7.12	77	159828	43.375	ng		99
10) Phenol	7.18	94	271219	40.470	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	205742	38.559	ng		98
12) 1,3-Dichlorobenzene	7.88	146	234387	41.059	ng		98
13) 1,4-Dichlorobenzene	8.03	146	228226	40.123	ng		99
14) 1,2-Dichlorobenzene	8.35	146	220560	40.531	ng		97
15) Benzyl Alcohol	8.23	79	218538	38.921	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	195173	37.263	ng		97
17) 2-Methylphenol	8.43	107	198657	38.420	ng		95
18) Hexachloroethane	9.08	117	89702	41.949	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	180037	38.013	ng		96
20) 3+4-Methylphenols	8.76	107	284415	39.298	ng		97
22) Acetophenone	8.81	105	318293	38.568	ng	#	99
24) Nitrobenzene	9.19	77	276348	40.309	ng	#	95
25) Isophorone	9.72	82	532425	38.873	ng		98
26) 2-Nitrophenol	9.91	139	121751	41.229	ng		99
27) 2,4-Dimethylphenol	9.97	122	186022	39.700	ng		94
28) bis(2-Chloroethoxy)methane	10.20	93	276035	38.357	ng		99
29) 2,4-Dichlorophenol	10.45	162	220195	40.698	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	255142	41.650	ng		97
31) Naphthalene	10.85	128	670364	40.154	ng		99
32) Benzoic acid	10.12	122	139477	38.328	ng		96
33) 4-Chloroaniline	10.95	127	306489	39.365	ng		98
34) Hexachlorobutadiene	11.15	225	176214	41.956	ng		98
35) Caprolactam	11.73	113	81019	37.625	ng		91
36) 4-Chloro-3-methylphenol	12.09	107	266512	41.931	ng		98
37) 2-Methylnaphthalene	12.46	142	524528	40.479	ng		98
38) 1-Methylnaphthalene	12.67	142	491595	40.186	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	302295	39.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	241755	50.374	ng		95
43) 2,4,6-Trichlorophenol	13.07	196	215498	39.765	ng		98
44) 2,4,5-Trichlorophenol	13.14	196	253682	41.125	ng		95
46) 1,1'-Biphenyl	13.47	154	702923	38.779	ng		98
47) 2-Chloronaphthalene	13.51	162	537250	38.789	ng		99
48) 2-Nitroaniline	13.71	65	184003	40.378	ng		98
49) Acenaphthylene	14.35	152	884895	39.223	ng		99
50) Dimethylphthalate	14.09	163	757481	39.008	ng		98
51) 2,6-Dinitrotoluene	14.20	165	173096	39.853	ng		100
52) Acenaphthene	14.70	154	621545m	40.719	ng		
53) 3-Nitroaniline	14.53	138	180378	37.866	ng	#	94
54) 2,4-Dinitrophenol	14.74	184	125103	48.439	ng		89
55) Dibenzofuran	15.03	168	879120	39.504	ng		95
56) 4-Nitrophenol	14.85	139	138116	37.394	ng		94
57) 2,4-Dinitrotoluene	14.99	165	253757	39.978	ng		98
58) Fluorene	15.68	166	737449	40.569	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	228252	41.586	ng		98
60) Diethylphthalate	15.45	149	795593	39.297	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	431020	41.196	ng		100
62) 4-Nitroaniline	15.70	138	187139	37.876	ng		94
63) Azobenzene	15.97	77	753354	40.360	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	152937	39.845	ng		96
66) n-Nitrosodiphenylamine	15.89	169	658396	39.242	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	302285	40.126	ng		97
68) Hexachlorobenzene	16.69	284	315890	40.432	ng		99
69) Atrazine	16.84	200	239419	38.426	ng		99
70) Pentachlorophenol	17.03	266	220901	46.089	ng		98
71) Phenanthrene	17.43	178	1191812	39.717	ng		100
72) Anthracene	17.51	178	1216443	40.413	ng		99
73) Carbazole	17.79	167	1155328	37.823	ng		99
74) Di-n-butylphthalate	18.35	149	1370429	40.625	ng		99
75) Fluoranthene	19.44	202	1481303	41.522	ng		99
77) Benzidine	19.61	184	669640	41.086	ng		97
78) Pyrene	19.79	202	1464835	38.235	ng		98
80) Butylbenzylphthalate	20.69	149	634997	39.986	ng		98
81) Benzo(a)anthracene	21.63	228	1442602	40.052	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	586071	40.881	ng	#	98
83) Chrysene	21.70	228	1394372	40.292	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	869753	39.822	ng		99
85) Di-n-octyl phthalate	22.75	149	1518150	40.196	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	1879270	40.901	ng		98
88) Benzo(b)fluoranthene	23.82	252	1564834	39.689	ng		98
89) Benzo(k)fluoranthene	23.89	252	1529484	40.792	ng		99
90) Benzo(a)pyrene	24.68	252	1488771	39.994	ng		99
91) Dibenzo(a,h)anthracene	28.51	278	1507911	40.200	ng		98
92) Benzo(g,h,i)perylene	29.57	276	1503036	39.968	ng		99

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

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