Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045214.D
Acq On : 29 Apr 2020 20:59
Operator : CG/JU
Sample : L2422-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:58 PM

Quant Time: Apr 30 01:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61858	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	255256	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	195756	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	472850	20.00	ng		0.00
76) Chrysene-d12	21.64	240	426800	20.00	ng		0.00
87) Perylene-d12	24.82	264	465143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	471422	125.82	ng		0.00
7) Phenol-d6	7.16	99	605352	108.74	ng		0.00
23) Nitrobenzene-d5	9.15	82	484972	86.69	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	403399	133.39	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1143458	85.65	ng		0.00
79) Terphenyl-d14	19.99	244	1955219	99.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	64655	38.829	ng	#	42
3) Pyridine	3.86	79	166925	32.558	ng		92
4) n-Nitrosodimethylamine	3.76	42	66389	42.270	ng	#	96
6) Aniline	7.31	93	134338	18.560	ng		98
8) 2-Chlorophenol	7.56	128	198026	49.177	ng		98
9) Benzaldehyde	7.12	77	80249	21.507	ng		96
10) Phenol	7.18	94	219108	39.333	ng		96
11) bis(2-Chloroethyl)ether	7.40	93	187663	42.312	ng		96
12) 1,3-Dichlorobenzene	7.88	146	193394	40.757	ng		98
13) 1,4-Dichlorobenzene	8.03	146	195456	41.339	ng		98
14) 1,2-Dichlorobenzene	8.34	146	184094	40.698	ng		92
15) Benzyl Alcohol	8.23	79	203148	43.526	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	169729	38.985	ng		97
17) 2-Methylphenol	8.44	107	173488	40.365	ng		97
18) Hexachloroethane	9.08	117	74246	41.771	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	168404	42.776	ng		98
20) 3+4-Methylphenols	8.77	107	244336	40.615	ng		98
22) Acetophenone	8.81	105	314942	45.625	ng		98
24) Nitrobenzene	9.19	77	257342	44.878	ng		94
25) Isophorone	9.72	82	493540	43.081	ng		98
26) 2-Nitrophenol	9.91	139	118887	48.132	ng		98
27) 2,4-Dimethylphenol	9.97	122	180659	46.096	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	269181	44.720	ng		95
29) 2,4-Dichlorophenol	10.45	162	218642	48.314	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	217303	42.411	ng		96
31) Naphthalene	10.85	128	627210	44.917	ng		100
32) Benzoic acid	10.12	122	147282	46.715	ng		98
33) 4-Chloroaniline	10.96	127	24751	3.801	ng	#	93
34) Hexachlorobutadiene	11.14	225	151300	43.069	ng		96
35) Caprolactam	11.72	113	57111m	31.709	ng		
36) 4-Chloro-3-methylphenol	12.09	107	253925	47.764	ng		98
37) 2-Methylnaphthalene	12.46	142	481465	44.422	ng		98
38) 1-Methylnaphthalene	12.67	142	468572	45.795	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	270586	42.931	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	288587	73.257 ng		95
43) 2,4,6-Trichlorophenol	13.07	196	205367	46.168 ng		95
44) 2,4,5-Trichlorophenol	13.14	196	218557	43.165 ng		97
46) 1,1'-Biphenyl	13.47	154	622282	41.823 ng		98
47) 2-Chloronaphthalene	13.51	162	488262	42.947 ng		99
48) 2-Nitroaniline	13.70	65	165200	44.164 ng		97
49) Acenaphthylene	14.35	152	803557	43.392 ng		98
50) Dimethylphthalate	14.08	163	792415	49.714 ng		99
51) 2,6-Dinitrotoluene	14.20	165	158604	44.487 ng		98
52) Acenaphthene	14.69	154	596544m	47.611 ng		
53) 3-Nitroaniline	14.53	138	53586	13.704 ng		95
54) 2,4-Dinitrophenol	14.74	184	145363	68.569 ng		91
55) Dibenzofuran	15.03	168	803009	43.960 ng		98
56) 4-Nitrophenol	14.85	139	204192	67.350 ng		98
57) 2,4-Dinitrotoluene	14.99	165	226858	43.542 ng		98
58) Fluorene	15.68	166	680298	45.594 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	215416	47.814 ng		98
60) Diethylphthalate	15.45	149	732153	44.057 ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	371943	43.309 ng		99
62) 4-Nitroaniline	15.69	138	148941	36.725 ng		95
63) Azobenzene	15.97	77	680774	44.432 ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	127311	40.962 ng		96
66) n-Nitrosodiphenylamine	15.89	169	597096	43.950 ng		99
67) 4-Bromophenyl-phenylether	16.57	248	264800	43.409 ng		97
68) Hexachlorobenzene	16.69	284	279296	44.146 ng		99
69) Atrazine	16.84	200	253101	51.799 ng		97
70) Pentachlorophenol	17.03	266	339658	87.515 ng		99
71) Phenanthrene	17.42	178	1096132	45.111 ng		99
72) Anthracene	17.51	178	1106792	45.409 ng		100
73) Carbazole	17.78	167	1013856	40.989 ng		97
74) Di-n-butylphthalate	18.34	149	1217933	45.271 ng		99
75) Fluoranthene	19.43	202	1325890	46.651 ng		99
77) Benzidine	19.61	184	322188	23.175 ng		96
78) Pyrene	19.79	202	1307147	44.425 ng		99
80) Butylbenzylphthalate	20.68	149	536720	44.006 ng		99
81) Benzo(a)anthracene	21.63	228	1216937	43.992 ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	200673	18.226 ng		99
83) Chrysene	21.69	228	1208861	45.482 ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	749655	44.690 ng		98
85) Di-n-octyl phthalate	22.74	149	1276570	44.009 ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1604105	45.457 ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1353600	46.457 ng		97
89) Benzo(k)fluoranthene	23.88	252	1303150	47.030 ng		98
90) Benzo(a)pyrene	24.67	252	1223225	44.466 ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1311737	47.322 ng		96
92) Benzo(g,h,i)perylene	29.55	276	1301602	46.836 ng		99

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

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