Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045274.D
Acq On : 7 May 2020 18:00
Operator : CG/JU
Sample : PB128702BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Manual Integrations APPROVED
mohammad
5/8/2020 1:00:09 PM

Quant Time: May 07 18:49:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61373	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	243763	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	176393	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	419127	20.00	ng		0.00
76) Chrysene-d12	21.64	240	376371	20.00	ng		0.00
87) Perylene-d12	24.81	264	421234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	515439	138.65	ng		0.00
7) Phenol-d6	7.15	99	702621	127.21	ng		0.00
23) Nitrobenzene-d5	9.14	82	452916	84.78	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	345014	126.61	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1031256	85.73	ng		0.00
79) Terphenyl-d14	19.99	244	1734098	100.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	66708	40.378	ng		99
3) Pyridine	3.84	79	152632	30.006	ng		97
4) n-Nitrosodimethylamine	3.75	42	66926	42.949	ng		87
6) Aniline	7.30	93	177857	24.767	ng		98
8) 2-Chlorophenol	7.55	128	180657	45.218	ng		100
9) Benzaldehyde	7.11	77	143351	48.984	ng		97
10) Phenol	7.18	94	234523	42.433	ng		97
11) bis(2-Chloroethyl)ether	7.40	93	167583	38.083	ng		97
12) 1,3-Dichlorobenzene	7.87	146	191398	40.655	ng		98
13) 1,4-Dichlorobenzene	8.02	146	194857	41.538	ng		97
14) 1,2-Dichlorobenzene	8.34	146	183291	40.841	ng		95
15) Benzyl Alcohol	8.22	79	182855	39.487	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.51	45	154058	35.665	ng		97
17) 2-Methylphenol	8.43	107	158485	37.165	ng		94
18) Hexachloroethane	9.07	117	75488	42.805	ng		97
19) n-Nitroso-di-n-propylamine	8.79	70	145533	37.259	ng		96
20) 3+4-Methylphenols	8.76	107	220113	36.877	ng		97
22) Acetophenone	8.80	105	272001	41.262	ng	#	97
24) Nitrobenzene	9.18	77	218448	39.891	ng		98
25) Isophorone	9.71	82	406754	37.179	ng		99
26) 2-Nitrophenol	9.90	139	102508	43.458	ng		94
27) 2,4-Dimethylphenol	9.96	122	166236	44.416	ng		95
28) bis(2-Chloroethoxy)methane	10.19	93	227711	39.614	ng		98
29) 2,4-Dichlorophenol	10.44	162	182963	42.336	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	203947	41.681	ng		98
31) Naphthalene	10.84	128	548545	41.136	ng		100
32) Benzoic acid	10.11	122	97221	34.259	ng		87
33) 4-Chloroaniline	10.94	127	94171	15.142	ng		98
34) Hexachlorobutadiene	11.14	225	139816	41.677	ng		95
35) Caprolactam	11.70	113	64250m	37.354	ng		
36) 4-Chloro-3-methylphenol	12.08	107	207829	40.937	ng		96
37) 2-Methylnaphthalene	12.45	142	417821	40.368	ng		97
38) 1-Methylnaphthalene	12.67	142	394378	40.361	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	239855	42.233	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	268937	75.763 ng	97
43) 2,4,6-Trichlorophenol	13.06	196	165875	41.383 ng	97
44) 2,4,5-Trichlorophenol	13.14	196	177880	38.987 ng	99
46) 1,1'-Biphenyl	13.46	154	535600	39.949 ng	100
47) 2-Chloronaphthalene	13.50	162	410879	40.108 ng	97
48) 2-Nitroaniline	13.69	65	129285	38.357 ng	99
49) Acenaphthylene	14.35	152	689017	41.292 ng	99
50) Dimethylphthalate	14.08	163	558352	38.875 ng	100
51) 2,6-Dinitrotoluene	14.19	165	129000	40.155 ng	93
52) Acenaphthene	14.69	154	503702m	44.614 ng	
53) 3-Nitroaniline	14.52	138	67503	19.159 ng	99
54) 2,4-Dinitrophenol	14.73	184	146742	76.818 ng	95
55) Dibenzofuran	15.03	168	670260	40.720 ng	99
56) 4-Nitrophenol	14.84	139	211023	77.244 ng	93
57) 2,4-Dinitrotoluene	14.99	165	184480	39.295 ng	96
58) Fluorene	15.67	166	551208	40.998 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	177526	43.730 ng	97
60) Diethylphthalate	15.44	149	577031	38.534 ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	306370	39.589 ng	99
62) 4-Nitroaniline	15.69	138	116639	31.917 ng	97
63) Azobenzene	15.96	77	554471	40.162 ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	109382	39.704 ng	97
66) n-Nitrosodiphenylamine	15.88	169	493334	40.967 ng	100
67) 4-Bromophenyl-phenylether	16.56	248	211232	39.066 ng	92
68) Hexachlorobenzene	16.69	284	231708	41.319 ng	98
69) Atrazine	16.83	200	188629	42.702 ng	97
70) Pentachlorophenol	17.03	266	271117	78.809 ng	98
71) Phenanthrene	17.42	178	896451	41.622 ng	99
72) Anthracene	17.51	178	922180	42.684 ng	98
73) Carbazole	17.78	167	836522	38.155 ng	99
74) Di-n-butylphthalate	18.34	149	1007292	41.771 ng	99
75) Fluoranthene	19.43	202	1104120	43.395 ng	99
77) Benzidine	19.60	184	552042	51.501 ng	97
78) Pyrene	19.79	202	1082976	41.738 ng	98
80) Butylbenzylphthalate	20.68	149	446117	41.478 ng	99
81) Benzo(a)anthracene	21.62	228	1049024	43.003 ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	236674	24.376 ng	97
83) Chrysene	21.69	228	1007416	42.982 ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	625980	42.318 ng	99
85) Di-n-octyl phthalate	22.73	149	1060290	41.450 ng	100
86) Indeno(1,2,3-cd)pyrene	28.41	276	1300021	41.776 ng	99
88) Benzo(b)fluoranthene	23.81	252	1082538	41.027 ng	98
89) Benzo(k)fluoranthene	23.87	252	1097183	43.725 ng	98
90) Benzo(a)pyrene	24.66	252	1026409	41.201 ng	99
91) Dibenzo(a,h)anthracene	28.48	278	1061232	42.275 ng	99
92) Benzo(g,h,i)perylene	29.54	276	1087925	43.228 ng	98

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

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