Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045774.D
Acq On : 16 Jun 2020 16:01
Operator : CG/JU
Sample : PB129573BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129573BS

Manual Integrations APPROVED
mohammad
6/18/2020 11:51:31 AM

Quant Time: Jun 16 17:26:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51438	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	207978	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	160268	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	380584	20.00	ng		0.00
76) Chrysene-d12	21.57	240	353288	20.00	ng		0.00
86) Perylene-d12	24.70	264	386605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	477275	156.74	ng		0.00
7) Phenol-d6	7.16	99	675098	145.75	ng		0.00
23) Nitrobenzene-d5	9.09	82	436344	95.85	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	356775	147.45	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1033223	94.74	ng		0.00
79) Terphenyl-d14	19.94	244	1752192	100.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	48097	34.487	ng		94
3) Pyridine	3.76	79	142140	34.393	ng		97
4) n-Nitrosodimethylamine	3.68	42	64120	46.222	ng	#	97
6) Aniline	7.25	93	220916	40.507	ng		95
8) 2-Chlorophenol	7.51	128	153558	47.113	ng		97
9) Benzaldehyde	7.05	77	101231	36.388	ng		98
10) Phenol	7.19	94	206046	45.912	ng		93
11) bis(2-Chloroethyl)ether	7.34	93	141230	41.431	ng		99
12) 1,3-Dichlorobenzene	7.81	146	164618	42.381	ng		98
13) 1,4-Dichlorobenzene	7.95	146	166991	43.042	ng		98
14) 1,2-Dichlorobenzene	8.27	146	157689	42.455	ng		98
15) Benzyl Alcohol	8.18	79	160062	44.656	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	133572	41.576	ng		85
17) 2-Methylphenol	8.42	107	140381	42.031	ng		95
18) Hexachloroethane	9.00	117	63405	43.030	ng		93
19) n-Nitroso-di-n-propylamine	8.73	70	134917	44.306	ng		98
20) 3+4-Methylphenols	8.76	107	188205	42.847	ng		91
22) Acetophenone	8.75	105	242680	42.513	ng		96
24) Nitrobenzene	9.13	77	200636	41.333	ng		100
25) Isophorone	9.65	82	362928	41.179	ng		98
26) 2-Nitrophenol	9.84	139	90636	44.818	ng		95
27) 2,4-Dimethylphenol	9.94	122	146802	47.546	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	198792	43.181	ng		99
29) 2,4-Dichlorophenol	10.41	162	166435	46.203	ng		93
30) 1,2,4-Trichlorobenzene	10.59	180	178074	41.757	ng		96
31) Naphthalene	10.78	128	486741	42.808	ng		99
32) Benzoic acid	10.15	122	89769	45.423	ng		95
33) 4-Chloroaniline	10.90	127	151300	31.775	ng		98
34) Hexachlorobutadiene	11.07	225	125584	41.408	ng		98
35) Caprolactam	11.67	113	57028m	48.922	ng		
36) 4-Chloro-3-methylphenol	12.08	107	195363	46.971	ng		95
37) 2-Methylnaphthalene	12.39	142	374930	44.282	ng		98
38) 1-Methylnaphthalene	12.60	142	360966	45.051	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	214407	40.629	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	258966	87.909 ng		99
43) 2,4,6-Trichlorophenol	13.02	196	152912	42.737 ng		97
44) 2,4,5-Trichlorophenol	13.12	196	165871	40.676 ng		97
46) 1,1'-Biphenyl	13.40	154	488869	42.606 ng		98
47) 2-Chloronaphthalene	13.44	162	381707	41.182 ng		97
48) 2-Nitroaniline	13.66	65	129377	41.963 ng		96
49) Acenaphthylene	14.29	152	623899	42.024 ng		99
50) Dimethylphthalate	14.03	163	531974	42.370 ng		99
51) 2,6-Dinitrotoluene	14.15	165	119908	42.521 ng		98
52) Acenaphthene	14.63	154	379405	42.161 ng		96
53) 3-Nitroaniline	14.50	138	96013	34.087 ng		100
54) 2,4-Dinitrophenol	14.70	184	133248	84.346 ng		94
55) Dibenzofuran	14.97	168	630076	43.100 ng		99
56) 4-Nitrophenol	14.88	139	159158	78.923 ng		97
57) 2,4-Dinitrotoluene	14.94	165	172559	42.709 ng	#	99
58) Fluorene	15.62	166	528043	43.439 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	161071	45.509 ng		96
60) Diethylphthalate	15.39	149	564078	43.949 ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	300942	42.953 ng		99
62) 4-Nitroaniline	15.67	138	106354	36.791 ng		93
63) Azobenzene	15.91	77	543599	44.109 ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	110702	47.067 ng		97
66) n-Nitrosodiphenylamine	15.84	169	467385	43.358 ng		97
67) 4-Bromophenyl-phenylether	16.51	248	203525	41.156 ng		97
68) Hexachlorobenzene	16.63	284	229740	44.802 ng		91
69) Atrazine	16.79	200	180959	43.261 ng		96
70) Pentachlorophenol	16.99	266	224849	88.060 ng		95
71) Phenanthrene	17.36	178	846509	43.127 ng		99
72) Anthracene	17.45	178	866386	44.326 ng		99
73) Carbazole	17.73	167	780575	41.942 ng		99
74) Di-n-butylphthalate	18.29	149	951327	43.171 ng		99
75) Fluoranthene	19.38	202	1048582	43.444 ng		100
77) Benzidine	19.56	184	592379	64.498 ng		98
78) Pyrene	19.74	202	1011856	42.771 ng		98
80) Butylbenzylphthalate	20.62	149	412962	41.703 ng		93
81) Benzo(a)anthracene	21.56	228	994758	43.430 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	302717	34.940 ng		98
83) Chrysene	21.62	228	938541	42.364 ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	589905	42.828 ng		98
85) Di-n-octyl phthalate	22.65	149	993794	41.828 ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1250065	44.602 ng	#	99
88) Benzo(b)fluoranthene	23.71	252	1064729	43.925 ng		98
89) Benzo(k)fluoranthene	23.78	252	1024120	44.144 ng		98
90) Benzo(a)pyrene	24.56	252	981916	43.365 ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1034271	46.018 ng		99
92) Benzo(g,h,i)perylene	29.36	276	1013342	45.046 ng		97

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

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