Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045273.D
Acq On : 7 May 2020 17:20
Operator : CG/JU
Sample : PB128711BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Manual Integrations APPROVED
mohammad
5/8/2020 1:00:06 PM

Quant Time: May 07 18:10:05 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	59897	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	242564	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	177469	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	419209	20.00	ng	0.00
76) Chrysene-d12	21.64	240	393592	20.00	ng	0.00
87) Perylene-d12	24.81	264	428703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	475065	130.94	ng	0.00
7) Phenol-d6	7.15	99	666904	123.72	ng	0.00
23) Nitrobenzene-d5	9.14	82	430746	81.03	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	341572	124.59	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1017198	84.04	ng	0.00
79) Terphenyl-d14	19.99	244	1713885	94.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	58959	36.567	ng	100
3) Pyridine	3.83	79	135672	27.329	ng	94
4) n-Nitrosodimethylamine	3.75	42	61573	40.488	ng	93
6) Aniline	7.30	93	192907	27.525	ng	97
8) 2-Chlorophenol	7.55	128	176902	45.369	ng	98
9) Benzaldehyde	7.11	77	136069	47.032	ng	97
10) Phenol	7.18	94	224897	41.694	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	164723	38.356	ng	100
12) 1,3-Dichlorobenzene	7.88	146	189168	41.171	ng	94
13) 1,4-Dichlorobenzene	8.02	146	186010	40.629	ng	98
14) 1,2-Dichlorobenzene	8.34	146	176812	40.368	ng	92
15) Benzyl Alcohol	8.22	79	173945	38.489	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.51	45	151068	35.835	ng	94
17) 2-Methylphenol	8.43	107	159665	38.365	ng	91
18) Hexachloroethane	9.07	117	73923	42.951	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	143352	37.605	ng	99
20) 3+4-Methylphenols	8.76	107	211487	36.305	ng	98
22) Acetophenone	8.80	105	262921	40.082	ng	99
24) Nitrobenzene	9.19	77	219123	40.212	ng	96
25) Isophorone	9.71	82	406556	37.345	ng	99
26) 2-Nitrophenol	9.90	139	99075	42.210	ng	95
27) 2,4-Dimethylphenol	9.96	122	163785	43.977	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	227006	39.687	ng	99
29) 2,4-Dichlorophenol	10.44	162	184297	42.856	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	199860	41.048	ng	96
31) Naphthalene	10.84	128	544003	40.997	ng	99
32) Benzoic acid	10.11	122	91188	32.658	ng	99
33) 4-Chloroaniline	10.95	127	105621	17.068	ng	99
34) Hexachlorobutadiene	11.14	225	140348	42.042	ng	98
35) Caprolactam	11.71	113	63065m	36.847	ng	
36) 4-Chloro-3-methylphenol	12.08	107	208455	41.263	ng	98
37) 2-Methylnaphthalene	12.45	142	417363	40.523	ng	98
38) 1-Methylnaphthalene	12.67	142	400024	41.141	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	238926	41.814	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	271240	75.949	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	168858	41.872	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	177634	38.697	ng		97
46) 1,1'-Biphenyl	13.46	154	537332	39.835	ng		97
47) 2-Chloronaphthalene	13.50	162	412270	40.000	ng		99
48) 2-Nitroaniline	13.70	65	136455	40.239	ng		99
49) Acenaphthylene	14.35	152	695226	41.411	ng		99
50) Dimethylphthalate	14.08	163	562372	38.918	ng		99
51) 2,6-Dinitrotoluene	14.19	165	129569	40.088	ng		96
52) Acenaphthene	14.69	154	507315m	44.662	ng		
53) 3-Nitroaniline	14.53	138	78210	22.063	ng		100
54) 2,4-Dinitrophenol	14.73	184	143097	74.455	ng	#	88
55) Dibenzofuran	15.02	168	677357	40.902	ng		98
56) 4-Nitrophenol	14.84	139	214940	78.201	ng		92
57) 2,4-Dinitrotoluene	14.98	165	183308	38.808	ng		99
58) Fluorene	15.68	166	556713	41.156	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	176201	43.140	ng		99
60) Diethylphthalate	15.45	149	587993	39.028	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	314408	40.382	ng		98
62) 4-Nitroaniline	15.69	138	121528	33.053	ng		96
63) Azobenzene	15.96	77	562294	40.481	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	110184	39.987	ng		98
66) n-Nitrosodiphenylamine	15.88	169	499585	41.478	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	216196	39.976	ng		95
68) Hexachlorobenzene	16.69	284	236639	42.190	ng		98
69) Atrazine	16.83	200	193513	43.936	ng		99
70) Pentachlorophenol	17.03	266	275676	80.119	ng		99
71) Phenanthrene	17.42	178	914284	42.442	ng		99
72) Anthracene	17.51	178	933140	43.183	ng		99
73) Carbazole	17.77	167	847126	38.631	ng		98
74) Di-n-butylphthalate	18.34	149	1025359	42.636	ng		100
75) Fluoranthene	19.42	202	1126408	44.405	ng		98
77) Benzidine	19.60	184	632181	57.049	ng		99
78) Pyrene	19.79	202	1106395	40.775	ng		98
80) Butylbenzylphthalate	20.68	149	455594	40.506	ng		98
81) Benzo(a)anthracene	21.62	228	1077362	42.232	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	255929	25.205	ng		96
83) Chrysene	21.69	228	1013746	41.359	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	645897	41.754	ng		99
85) Di-n-octyl phthalate	22.74	149	1094537	40.917	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1354786	41.631	ng		100
88) Benzo(b)fluoranthene	23.81	252	1135382	42.280	ng		97
89) Benzo(k)fluoranthene	23.88	252	1102902	43.187	ng		98
90) Benzo(a)pyrene	24.66	252	1049740	41.403	ng		98
91) Dibenzo(a,h)anthracene	28.48	278	1104143	43.218	ng	#	97
92) Benzo(g,h,i)perylene	29.55	276	1123012	43.845	ng		98

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

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