Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045028.D
Acq On : 17 Apr 2020 11:50
Operator : CG/JU
Sample : PB128274BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128274BS

Manual Integrations APPROVED
mohammad
4/20/2020 2:27:57 PM

Quant Time: Apr 17 12:31:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	64208	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	301284	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	239128	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	570645	20.00	ng		0.00
76) Chrysene-d12	21.67	240	482564	20.00	ng		0.00
87) Perylene-d12	24.85	264	531440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	552660	142.10	ng		0.00
7) Phenol-d6	7.18	99	843282	145.94	ng		0.00
23) Nitrobenzene-d5	9.18	82	542658	82.18	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	462457	125.18	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1351562	82.88	ng		0.00
79) Terphenyl-d14	20.01	244	2133165	96.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	53838	31.149	ng		96
3) Pyridine	3.88	79	172265	32.370	ng		98
4) n-Nitrosodimethylamine	3.79	42	69726	42.770	ng	#	94
6) Aniline	7.34	93	296046	39.405	ng		98
8) 2-Chlorophenol	7.58	128	226579	54.208	ng		100
9) Benzaldehyde	7.15	77	111705	32.284	ng		98
10) Phenol	7.21	94	314850	54.451	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	211001	45.833	ng		96
12) 1,3-Dichlorobenzene	7.91	146	217839	44.228	ng		97
13) 1,4-Dichlorobenzene	8.06	146	217058	44.227	ng		98
14) 1,2-Dichlorobenzene	8.38	146	211420	45.029	ng		98
15) Benzyl Alcohol	8.25	79	242095	49.972	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	200556	44.379	ng		95
17) 2-Methylphenol	8.47	107	220382	49.399	ng		97
18) Hexachloroethane	9.11	117	84377	45.733	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	205394	50.262	ng		98
20) 3+4-Methylphenols	8.79	107	312954	50.117	ng		96
22) Acetophenone	8.84	105	364952	44.793	ng		98
24) Nitrobenzene	9.22	77	295209	43.617	ng		99
25) Isophorone	9.75	82	590526	43.672	ng		97
26) 2-Nitrophenol	9.93	139	138008	47.338	ng		98
27) 2,4-Dimethylphenol	10.00	122	236825	51.195	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	324908	45.732	ng		98
29) 2,4-Dichlorophenol	10.47	162	264458	49.510	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	262972	43.483	ng		99
31) Naphthalene	10.88	128	729436	44.257	ng		99
32) Benzoic acid	10.15	122	167325	45.203	ng		92
33) 4-Chloroaniline	10.98	127	138158	17.974	ng		98
34) Hexachlorobutadiene	11.18	225	168639	40.671	ng		98
35) Caprolactam	11.75	113	103854m	48.852	ng		
36) 4-Chloro-3-methylphenol	12.11	107	311348	49.618	ng		98
37) 2-Methylnaphthalene	12.48	142	586642	45.857	ng		95
38) 1-Methylnaphthalene	12.71	142	565889	46.857	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	323072	41.961	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	472250	98.137	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	246225	45.313	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	266751	43.127	ng		98
46) 1,1'-Biphenyl	13.49	154	784231	43.148	ng		99
47) 2-Chloronaphthalene	13.54	162	605909	43.629	ng		99
48) 2-Nitroaniline	13.73	65	199466	43.653	ng		95
49) Acenaphthylene	14.38	152	1007507	44.538	ng		99
50) Dimethylphthalate	14.11	163	854086	43.865	ng		99
51) 2,6-Dinitrotoluene	14.22	165	196866	45.204	ng		96
52) Acenaphthene	14.72	154	757664m	49.503	ng		
53) 3-Nitroaniline	14.55	138	110769	23.190	ng		98
54) 2,4-Dinitrophenol	14.76	184	247790	95.684	ng		95
55) Dibenzofuran	15.06	168	988579	44.303	ng		99
56) 4-Nitrophenol	14.87	139	319511	86.272	ng		96
57) 2,4-Dinitrotoluene	15.01	165	275738	43.324	ng		98
58) Fluorene	15.70	166	815657	44.751	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	257790	46.841	ng	#	99
60) Diethylphthalate	15.48	149	877843	43.243	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	452593	43.141	ng		97
62) 4-Nitroaniline	15.71	138	198206	40.008	ng		97
63) Azobenzene	15.99	77	834393	44.581	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	177099	47.215	ng		98
66) n-Nitrosodiphenylamine	15.91	169	740208	45.146	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	314373	42.703	ng		99
68) Hexachlorobenzene	16.71	284	340803	44.637	ng		99
69) Atrazine	16.86	200	303729	51.478	ng		98
70) Pentachlorophenol	17.05	266	420425	89.761	ng		98
71) Phenanthrene	17.45	178	1292032	44.061	ng		99
72) Anthracene	17.54	178	1323427	44.992	ng		98
73) Carbazole	17.80	167	1212038	40.604	ng		99
74) Di-n-butylphthalate	18.37	149	1432729	43.951	ng		99
75) Fluoranthene	19.45	202	1538457	44.578	ng		99
77) Benzidine	19.63	184	750101	54.989	ng		98
78) Pyrene	19.81	202	1507199	45.305	ng		100
80) Butylbenzylphthalate	20.70	149	619020	44.889	ng		97
81) Benzo(a)anthracene	21.65	228	1404913	44.918	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	337418	27.104	ng		98
83) Chrysene	21.71	228	1348826	44.884	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	856851	45.178	ng		99
85) Di-n-octyl phthalate	22.77	149	1448142	44.154	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1784606	44.728	ng		99
88) Benzo(b)fluoranthene	23.84	252	1516989	45.570	ng		99
89) Benzo(k)fluoranthene	23.92	252	1444068	45.615	ng		100
90) Benzo(a)pyrene	24.70	252	1387220	44.137	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1457081	46.008	ng		97
92) Benzo(g,h,i)perylene	29.61	276	1447739	45.596	ng		98

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

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