Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041827.D
Acq On : 31 Jul 2019 9:33
Operator : HP/JU
Sample : PB121772BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:24 PM

Quant Time: Jul 31 12:42:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	98441	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	399927	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	293544	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	660939	20.00	ng		0.00
76) Chrysene-d12	21.74	240	650780	20.00	ng		0.00
87) Perylene-d12	25.01	264	727309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	633126	125.13	ng		0.00
7) Phenol-d6	7.20	99	869301	127.44	ng		0.00
23) Nitrobenzene-d5	9.21	82	510408	87.83	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	469931	140.94	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1388106	83.40	ng		0.00
79) Terphenyl-d14	20.06	244	2264190	79.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	90072	37.823	ng		90
3) Pyridine	3.87	79	165477	25.339	ng		88
4) n-Nitrosodimethylamine	3.78	42	91274	35.257	ng		88
6) Aniline	7.36	93	286328	29.811	ng		96
8) 2-Chlorophenol	7.61	128	244139	42.139	ng		92
9) Benzaldehyde	7.17	77	43103m	8.980	ng		
10) Phenol	7.22	94	295521	41.644	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	217506	37.283	ng		93
12) 1,3-Dichlorobenzene	7.93	146	265989	35.176	ng		98
13) 1,4-Dichlorobenzene	8.08	146	269216	35.581	ng		98
14) 1,2-Dichlorobenzene	8.40	146	260860	36.131	ng		94
15) Benzyl Alcohol	8.28	79	214799	40.027	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	361690	34.848	ng		95
17) 2-Methylphenol	8.48	107	208451	40.390	ng		98
18) Hexachloroethane	9.14	117	93415	36.053	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	179999	36.347	ng		91
20) 3+4-Methylphenols	8.81	107	289738	41.025	ng		100
22) Acetophenone	8.87	105	354687	39.650	ng	#	94
24) Nitrobenzene	9.25	77	259272	42.348	ng		96
25) Isophorone	9.78	82	497447	39.348	ng		98
26) 2-Nitrophenol	9.97	139	143282	50.425	ng		96
27) 2,4-Dimethylphenol	10.03	122	241168	48.089	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	304197	38.505	ng		98
29) 2,4-Dichlorophenol	10.51	162	277498	45.437	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	304571	39.327	ng		98
31) Naphthalene	10.92	128	746366	40.777	ng		98
32) Benzoic acid	10.17	122	147838	42.489	ng		98
33) 4-Chloroaniline	11.02	127	217838	25.096	ng		96
34) Hexachlorobutadiene	11.22	225	199855	38.236	ng		97
35) Caprolactam	11.79	113	95545m	45.017	ng		
36) 4-Chloro-3-methylphenol	12.14	107	274610	45.354	ng		98
37) 2-Methylnaphthalene	12.53	142	602831	41.609	ng		100
38) 1-Methylnaphthalene	12.75	142	570895	41.581	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	376971	40.570	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	445869	85.347	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	258792	44.066	ng		100
44) 2,4,5-Trichlorophenol	13.20	196	278845	45.690	ng		93
46) 1,1'-Biphenyl	13.54	154	777161	41.185	ng		97
47) 2-Chloronaphthalene	13.58	162	626452	38.993	ng		96
48) 2-Nitroaniline	13.77	65	179407	44.031	ng		91
49) Acenaphthylene	14.42	152	985990	41.029	ng		97
50) Dimethylphthalate	14.15	163	830011	41.402	ng		99
51) 2,6-Dinitrotoluene	14.27	165	199028	47.478	ng		90
52) Acenaphthene	14.76	154	705788	45.156	ng		99
53) 3-Nitroaniline	14.59	138	157316	35.078	ng	#	88
54) 2,4-Dinitrophenol	14.80	184	232864	88.181	ng	#	85
55) Dibenzofuran	15.10	168	987239	41.295	ng		97
56) 4-Nitrophenol	14.90	139	336936	98.976	ng		94
57) 2,4-Dinitrotoluene	15.05	165	284326	49.320	ng		90
58) Fluorene	15.75	166	807109	42.068	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	285429	47.221	ng	#	93
60) Diethylphthalate	15.52	149	835700	42.460	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	480907	41.059	ng		96
62) 4-Nitroaniline	15.76	138	204613	42.122	ng		96
63) Azobenzene	16.03	77	664424	41.325	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	158433	48.837	ng		84
66) n-Nitrosodiphenylamine	15.95	169	765692	42.530	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	332317	40.818	ng		96
68) Hexachlorobenzene	16.76	284	340554	39.983	ng		94
69) Atrazine	16.90	200	306264	43.296	ng		98
70) Pentachlorophenol	17.10	266	458577	94.775	ng		99
71) Phenanthrene	17.50	178	1329866	41.977	ng		97
72) Anthracene	17.58	178	1366687	43.255	ng		96
73) Carbazole	17.85	167	1221009	43.055	ng		97
74) Di-n-butylphthalate	18.42	149	1394479	43.374	ng		96
75) Fluoranthene	19.51	202	1666350	43.272	ng		94
77) Benzidine	19.68	184	667760	31.437	ng		99
78) Pyrene	19.86	202	1638926	42.506	ng		96
80) Butylbenzylphthalate	20.75	149	666857	45.109	ng		91
81) Benzo(a)anthracene	21.72	228	1603728	41.652	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	550600	35.617	ng		99
83) Chrysene	21.79	228	1582168	42.868	ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	913504	44.797	ng		97
85) Di-n-octyl phthalate	22.87	149	1569446	45.732	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2102001	43.023	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1811615	45.533	ng		98
89) Benzo(k)fluoranthene	24.04	252	1731673	44.681	ng	#	96
90) Benzo(a)pyrene	24.86	252	1773036	46.465	ng	#	96
91) Dibenzo(a,h)anthracene	28.82	278	1718085	45.854	ng		96
92) Benzo(g,h,i)perylene	29.92	276	1746838	46.665	ng	#	94

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

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