Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043338.D
Acq On : 25 Oct 2019 14:11
Operator : JU
Sample : PB124305BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124305BS

Manual Integrations APPROVED
mohammad
10/26/2019 10:00:53 AM

Quant Time: Oct 25 16:18:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35673	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	152920	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	116533	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	289453	20.00	ng		0.00
76) Chrysene-d12	21.67	240	331694	20.00	ng		0.00
87) Perylene-d12	24.88	264	304127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	281049	144.37	ng		0.01
7) Phenol-d6	7.22	99	376892	134.56	ng		0.02
23) Nitrobenzene-d5	9.19	82	191404	64.53	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	263874	118.99	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	532599	63.15	ng		0.00
79) Terphenyl-d14	20.01	244	1101249	62.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	29225	38.523	ng	#	91
3) Pyridine	3.89	79	69661	36.402	ng		98
4) n-Nitrosodimethylamine	3.80	42	42419	43.928	ng	#	94
6) Aniline	7.35	93	105299	32.635	ng		99
8) 2-Chlorophenol	7.60	128	112692	52.440	ng		97
9) Benzaldehyde	7.16	77	34804	25.285	ng		87
10) Phenol	7.24	94	134346	52.490	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	96587	48.810	ng		97
12) 1,3-Dichlorobenzene	7.91	146	113546	42.171	ng		100
13) 1,4-Dichlorobenzene	8.06	146	117647	43.187	ng		100
14) 1,2-Dichlorobenzene	8.38	146	114230	42.946	ng		95
15) Benzyl Alcohol	8.27	79	100516	51.099	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128147	44.536	ng		98
17) 2-Methylphenol	8.49	107	97427	52.216	ng		97
18) Hexachloroethane	9.11	117	41433	42.156	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	83255	46.000	ng		99
20) 3+4-Methylphenols	8.82	107	130260	50.912	ng		85
22) Acetophenone	8.85	105	162312	41.447	ng		99
24) Nitrobenzene	9.23	77	125637	44.464	ng		95
25) Isophorone	9.75	82	235342	43.397	ng		99
26) 2-Nitrophenol	9.95	139	65243	47.827	ng		93
27) 2,4-Dimethylphenol	10.02	122	106963	54.707	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	127426	42.574	ng		94
29) 2,4-Dichlorophenol	10.50	162	122495	48.897	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	134391	42.564	ng		97
31) Naphthalene	10.89	128	342501	44.125	ng		97
32) Benzoic acid	10.18	122	64880	44.315	ng		94
33) 4-Chloroaniline	11.00	127	69147	21.732	ng		99
34) Hexachlorobutadiene	11.17	225	91249	39.095	ng		92
35) Caprolactam	11.77	113	38729m	44.888	ng		
36) 4-Chloro-3-methylphenol	12.14	107	131915	48.274	ng		98
37) 2-Methylnaphthalene	12.48	142	265920	44.649	ng		99
38) 1-Methylnaphthalene	12.70	142	252931	44.634	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172371	39.968	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	145090	64.043	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	114045	44.903	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	126313	49.193	ng		97
46) 1,1'-Biphenyl	13.49	154	366226	41.311	ng		99
47) 2-Chloronaphthalene	13.54	162	281504	41.734	ng		100
48) 2-Nitroaniline	13.74	65	85491	42.406	ng		95
49) Acenaphthylene	14.38	152	461523	43.963	ng		98
50) Dimethylphthalate	14.11	163	376143	41.672	ng		99
51) 2,6-Dinitrotoluene	14.23	165	87975	44.864	ng		95
52) Acenaphthene	14.72	154	270168	42.200	ng		98
53) 3-Nitroaniline	14.57	138	58167	30.723	ng		96
54) 2,4-Dinitrophenol	14.77	184	76912	64.375	ng		96
55) Dibenzofuran	15.05	168	451952	43.532	ng		99
56) 4-Nitrophenol	14.90	139	136008	107.200	ng		96
57) 2,4-Dinitrotoluene	15.02	165	123006	43.893	ng	#	97
58) Fluorene	15.70	166	377306	43.331	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	128265	47.017	ng	#	96
60) Diethylphthalate	15.47	149	382810	42.209	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	218998	43.112	ng		95
62) 4-Nitroaniline	15.73	138	79187	40.500	ng		96
63) Azobenzene	15.99	77	323884	44.125	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	62735	36.828	ng		100
66) n-Nitrosodiphenylamine	15.91	169	345259	42.249	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	155804	39.997	ng		98
68) Hexachlorobenzene	16.71	284	175621	39.276	ng		98
69) Atrazine	16.86	200	145095	51.097	ng		97
70) Pentachlorophenol	17.06	266	205100	100.665	ng		96
71) Phenanthrene	17.44	178	628818	42.424	ng		99
72) Anthracene	17.54	178	645584	43.533	ng		99
73) Carbazole	17.81	167	594645	44.279	ng		100
74) Di-n-butylphthalate	18.36	149	691989	42.467	ng		99
75) Fluoranthene	19.45	202	850971	44.038	ng		100
77) Benzidine	19.64	184	174958	26.209	ng		99
78) Pyrene	19.81	202	856890	41.735	ng		100
80) Butylbenzylphthalate	20.70	149	318396	40.933	ng		96
81) Benzo(a)anthracene	21.65	228	878932	42.303	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	304708	37.917	ng		97
83) Chrysene	21.71	228	854350	41.386	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	462188	41.829	ng		98
85) Di-n-octyl phthalate	22.75	149	796695	42.499	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1103764	42.595	ng	#	98
88) Benzo(b)fluoranthene	23.85	252	930132	54.000	ng		98
89) Benzo(k)fluoranthene	23.92	252	929898	53.626	ng		98
90) Benzo(a)pyrene	24.72	252	849403	51.640	ng		100
91) Dibenzo(a,h)anthracene	28.58	278	934597	55.550	ng		99
92) Benzo(g,h,i)perylene	29.67	276	936497	56.431	ng		100

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

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