Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
Data File : BG043303.D
Acq On : 22 Oct 2019 12:27
Operator : JU
Sample : PB123887BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123887BS

Manual Integrations APPROVED
mohammad
10/22/2019 10:29:12 PM

Quant Time: Oct 22 13:08:49 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	33773	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	129651	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	95915	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	232726	20.00	ng		0.00
76) Chrysene-d12	21.67	240	289124	20.00	ng		0.00
87) Perylene-d12	24.87	264	334475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	132203	71.73	ng		0.00
7) Phenol-d6	7.20	99	181968	68.62	ng		0.00
23) Nitrobenzene-d5	9.19	82	172681	68.66	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	122152	66.92	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	484103	69.74	ng		0.00
79) Terphenyl-d14	20.01	244	1006590	65.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	27567	38.382	ng		97
3) Pyridine	3.89	79	61181	33.769	ng		95
4) n-Nitrosodimethylamine	3.80	42	37868	41.421	ng		100
6) Aniline	7.35	93	89356	29.252	ng		94
8) 2-Chlorophenol	7.59	128	86580	42.556	ng		98
9) Benzaldehyde	7.17	77	49777	38.197	ng		94
10) Phenol	7.23	94	102716	42.390	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	74140	39.575	ng		96
12) 1,3-Dichlorobenzene	7.92	146	95634	37.517	ng		95
13) 1,4-Dichlorobenzene	8.06	146	97696	37.881	ng		96
14) 1,2-Dichlorobenzene	8.38	146	95528	37.936	ng		96
15) Benzyl Alcohol	8.26	79	73324	39.373	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100172	36.773	ng		97
17) 2-Methylphenol	8.48	107	72474	41.028	ng		96
18) Hexachloroethane	9.11	117	34998	37.612	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	63502	37.060	ng		98
20) 3+4-Methylphenols	8.80	107	93830	38.737	ng		92
22) Acetophenone	8.85	105	122523	36.902	ng	#	98
24) Nitrobenzene	9.23	77	97139	40.548	ng		96
25) Isophorone	9.75	82	175588	38.190	ng		95
26) 2-Nitrophenol	9.94	139	48713	42.118	ng		99
27) 2,4-Dimethylphenol	10.01	122	80428	48.518	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	98954	38.995	ng		100
29) 2,4-Dichlorophenol	10.48	162	90474	42.597	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	100403	37.506	ng		100
31) Naphthalene	10.88	128	265952	40.412	ng		98
32) Benzoic acid	10.16	122	34041	30.873	ng		84
33) 4-Chloroaniline	11.00	127	50115	18.577	ng		98
34) Hexachlorobutadiene	11.17	225	74163	37.477	ng		97
35) Caprolactam	11.77	113	28478m	38.931	ng		
36) 4-Chloro-3-methylphenol	12.12	107	97499	42.083	ng		96
37) 2-Methylnaphthalene	12.48	142	199181	39.446	ng		96
38) 1-Methylnaphthalene	12.70	142	193642	40.305	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131430	37.026	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	179556	96.294	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	86499	41.378	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	91452	43.273	ng		95
46) 1,1'-Biphenyl	13.49	154	275799	37.798	ng		99
47) 2-Chloronaphthalene	13.53	162	214202	38.582	ng		97
48) 2-Nitroaniline	13.74	65	63015	37.976	ng		99
49) Acenaphthylene	14.37	152	358569	41.498	ng		97
50) Dimethylphthalate	14.10	163	290648	39.122	ng		100
51) 2,6-Dinitrotoluene	14.22	165	66375	41.125	ng		93
52) Acenaphthene	14.72	154	206695	39.226	ng		96
53) 3-Nitroaniline	14.56	138	39793	25.536	ng		99
54) 2,4-Dinitrophenol	14.77	184	75887	75.723	ng		93
55) Dibenzofuran	15.05	168	339791	39.764	ng		99
56) 4-Nitrophenol	14.88	139	99271	95.064	ng		93
57) 2,4-Dinitrotoluene	15.01	165	94316	40.890	ng		97
58) Fluorene	15.70	166	288892	40.309	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	96698	43.065	ng	#	98
60) Diethylphthalate	15.47	149	291027	38.986	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	164172	39.266	ng		99
62) 4-Nitroaniline	15.73	138	63632	39.540	ng		94
63) Azobenzene	15.98	77	245760	40.679	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	58544	42.745	ng		96
66) n-Nitrosodiphenylamine	15.91	169	257571	39.201	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	116606	37.231	ng		99
68) Hexachlorobenzene	16.71	284	129042	35.894	ng		98
69) Atrazine	16.85	200	104964	45.975	ng		96
70) Pentachlorophenol	17.05	266	150845	92.082	ng		93
71) Phenanthrene	17.44	178	478229	40.129	ng		99
72) Anthracene	17.54	178	484126	40.603	ng		99
73) Carbazole	17.81	167	454026	42.049	ng		99
74) Di-n-butylphthalate	18.36	149	542347	41.396	ng		99
75) Fluoranthene	19.45	202	674286	43.400	ng		99
77) Benzidine	19.63	184	290381	49.905	ng		98
78) Pyrene	19.81	202	689664	38.536	ng		99
80) Butylbenzylphthalate	20.70	149	259619	38.290	ng		98
81) Benzo(a)anthracene	21.65	228	718635	39.681	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	186453	26.618	ng		97
83) Chrysene	21.71	228	724306	40.252	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	385027	39.976	ng		98
85) Di-n-octyl phthalate	22.75	149	653519	39.994	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	923730	40.896	ng		99
88) Benzo(b)fluoranthene	23.85	252	780361	41.194	ng		98
89) Benzo(k)fluoranthene	23.92	252	778107	40.801	ng		100
90) Benzo(a)pyrene	24.72	252	767901	42.449	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	763895	41.285	ng		98
92) Benzo(g,h,i)perylene	29.66	276	767369	42.044	ng		98

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

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