Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043721.D
Acq On : 20 Nov 2019 7:17
Operator : JU
Sample : K5665-04MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-111419MS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:24 AM

Quant Time: Nov 20 08:03:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30124	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	117441	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	85656	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	203341	20.00	ng		0.00
76) Chrysene-d12	21.63	240	208429	20.00	ng		0.00
87) Perylene-d12	24.80	264	218269	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	230713	140.34	ng		0.00
7) Phenol-d6	7.19	99	325433	137.59	ng		0.00
23) Nitrobenzene-d5	9.16	82	194689	85.47	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	199709	122.52	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	541230	87.31	ng		0.00
79) Terphenyl-d14	19.98	244	1039416	93.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21301	33.250	ng	#	36
3) Pyridine	3.87	79	73460	45.458	ng		94
4) n-Nitrosodimethylamine	3.77	42	41701	51.139	ng	#	100
6) Aniline	7.32	93	19365	7.107	ng		95
8) 2-Chlorophenol	7.56	128	89020	49.055	ng		99
9) Benzaldehyde	7.14	77	1367	1.176	ng	#	68
10) Phenol	7.21	94	108547	50.223	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	72217	43.218	ng		96
12) 1,3-Dichlorobenzene	7.88	146	89123	39.198	ng		93
13) 1,4-Dichlorobenzene	8.02	146	92639	40.271	ng		99
14) 1,2-Dichlorobenzene	8.35	146	92841	41.335	ng		96
15) Benzyl Alcohol	8.24	79	63652	38.319	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	100084	41.191	ng		96
17) 2-Methylphenol	8.46	107	75633	48.003	ng		96
18) Hexachloroethane	9.07	117	32031	38.594	ng		92
19) n-Nitroso-di-n-propylamine	8.79	70	66079	43.235	ng	#	97
20) 3+4-Methylphenols	8.79	107	103147	47.741	ng		93
22) Acetophenone	8.82	105	130109	43.261	ng	#	99
24) Nitrobenzene	9.20	77	100273	46.208	ng		100
25) Isophorone	9.72	82	185505	44.541	ng		99
26) 2-Nitrophenol	9.91	139	51978	49.613	ng		95
27) 2,4-Dimethylphenol	9.98	122	82894	55.204	ng		99
28) bis(2-Chloroethoxy)methane	10.20	93	98096	42.676	ng		97
29) 2,4-Dichlorophenol	10.47	162	95207	49.485	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	103226	42.570	ng		97
31) Naphthalene	10.84	128	272678	45.742	ng		98
32) Benzoic acid	10.17	122	49758	44.266	ng		92
33) 4-Chloroaniline	10.98	127	4357	1.783	ng	#	90
34) Hexachlorobutadiene	11.13	225	74520	41.573	ng		95
35) Caprolactam	11.75	113	30095m	45.419	ng		
36) 4-Chloro-3-methylphenol	12.11	107	107043	51.007	ng		91
37) 2-Methylnaphthalene	12.45	142	209295	45.758	ng		98
38) 1-Methylnaphthalene	12.67	142	198130	45.526	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	133167	42.008	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	125285	75.236	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	90256	48.347	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	95902	50.813	ng		98
46) 1,1'-Biphenyl	13.45	154	288146	44.220	ng		96
47) 2-Chloronaphthalene	13.50	162	218918	44.154	ng		95
48) 2-Nitroaniline	13.71	65	62752	42.347	ng		98
49) Acenaphthylene	14.35	152	353948	45.869	ng		99
50) Dimethylphthalate	14.08	163	303617	45.762	ng		98
51) 2,6-Dinitrotoluene	14.20	165	69064	47.916	ng		95
52) Acenaphthene	14.69	154	211799	45.009	ng		98
53) 3-Nitroaniline	14.55	138	9260	6.654	ng		99
54) 2,4-Dinitrophenol	14.74	184	83332	91.439	ng		90
55) Dibenzofuran	15.02	168	355836	46.630	ng		100
56) 4-Nitrophenol	14.88	139	84657	90.779	ng	#	85
57) 2,4-Dinitrotoluene	14.99	165	93452	45.368	ng		98
58) Fluorene	15.67	166	293429	45.846	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	94200	46.977	ng	#	99
60) Diethylphthalate	15.44	149	292148	43.824	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	171642	45.970	ng		97
62) 4-Nitroaniline	15.70	138	39754	27.661	ng		92
63) Azobenzene	15.96	77	247682	45.908	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	62605	52.316	ng		93
66) n-Nitrosodiphenylamine	15.87	169	165692	28.862	ng		95
67) 4-Bromophenyl-phenylether	16.55	248	119878	43.807	ng		97
68) Hexachlorobenzene	16.68	284	132232	42.096	ng		97
69) Atrazine	16.82	200	42717	21.414	ng		98
70) Pentachlorophenol	17.03	266	135919	94.961	ng		95
71) Phenanthrene	17.41	178	465204	44.677	ng		99
72) Anthracene	17.50	178	474351	45.532	ng		100
73) Carbazole	17.78	167	288167	30.545	ng		99
74) Di-n-butylphthalate	18.32	149	500870	43.755	ng		100
75) Fluoranthene	19.42	202	603157	44.432	ng		99
78) Pyrene	19.78	202	612155	47.448	ng		99
80) Butylbenzylphthalate	20.66	149	224258	45.881	ng		99
81) Benzo(a)anthracene	21.61	228	620948	47.561	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	9565m	1.894	ng		
83) Chrysene	21.68	228	606809	46.778	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	332832	47.936	ng		99
85) Di-n-octyl phthalate	22.70	149	567577	48.182	ng		98
86) Indeno(1,2,3-cd)pyrene	28.43	276	737351	45.283	ng	#	95
88) Benzo(b)fluoranthene	23.80	252	644997	52.176	ng		99
89) Benzo(k)fluoranthene	23.87	252	654984	52.630	ng		99
90) Benzo(a)pyrene	24.66	252	564732	47.839	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	638125	52.848	ng		99
92) Benzo(g,h,i)perylene	29.56	276	604170	50.726	ng		100

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

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