Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039858.D
Acq On : 12 Mar 2019 3:01
Operator : JU/SJ
Sample : K1693-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:29 PM

Quant Time: Mar 12 09:29:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39556	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	164862	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	115491	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	297404	20.00	ng	0.00
76) Chrysene-d12	21.82	240	300594	20.00	ng	-0.01
87) Perylene-d12	25.19	264	315754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	300380	129.55	ng	0.00
7) Phenol-d6	7.30	99	399895	115.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	280508	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	198598	147.53	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	692745	85.40	ng	-0.01
79) Terphenyl-d14	20.12	244	1195872	87.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	37867	35.375	ng	# 19
3) Pyridine	4.00	79	81037	28.278	ng	97
4) n-Nitrosodimethylamine	3.92	42	50896	37.437	ng	84
6) Aniline	7.48	93	37868	8.360	ng	99
8) 2-Chlorophenol	7.72	128	109617	38.969	ng	92
9) Benzaldehyde	7.29	77	56953	25.538	ng	96
10) Phenol	7.33	94	129532	34.585	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	111697	38.251	ng	99
12) 1,3-Dichlorobenzene	8.04	146	115214	36.215	ng	98
13) 1,4-Dichlorobenzene	8.19	146	115889	35.763	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111869	35.730	ng	99
15) Benzyl Alcohol	8.39	79	105757	38.563	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216804	37.123	ng	98
17) 2-Methylphenol	8.59	107	95052	39.802	ng	98
18) Hexachloroethane	9.24	117	39791	34.222	ng	90
19) n-Nitroso-di-n-propylamine	8.96	70	89981	36.160	ng	94
20) 3+4-Methylphenols	8.92	107	130586	39.361	ng	98
22) Acetophenone	8.98	105	169192	38.237	ng	# 96
24) Nitrobenzene	9.37	77	133378	41.709	ng	100
25) Isophorone	9.88	82	261272	40.906	ng	99
26) 2-Nitrophenol	10.08	139	63464	41.104	ng	# 92
27) 2,4-Dimethylphenol	10.13	122	115916	48.272	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	154005	39.677	ng	97
29) 2,4-Dichlorophenol	10.61	162	122453	45.292	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	122705	40.333	ng	96
31) Naphthalene	11.02	128	351706	40.293	ng	100
32) Benzoic acid	10.25	122	52826	34.234	ng	99
33) 4-Chloroaniline	11.14	127	12805	3.460	ng	94
34) Hexachlorobutadiene	11.29	225	77960	37.500	ng	93
35) Caprolactam	11.92	113	33108m	32.058	ng	
36) 4-Chloro-3-methylphenol	12.24	107	136635	44.087	ng	97
37) 2-Methylnaphthalene	12.62	142	273530	41.915	ng	98
38) 1-Methylnaphthalene	12.84	142	260392	41.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	151895	38.823	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	173785	82.883	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	106194	46.360	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	113482	43.952	ng		98
46) 1,1'-Biphenyl	13.62	154	375640	39.545	ng		99
47) 2-Chloronaphthalene	13.66	162	288128	40.320	ng		100
48) 2-Nitroaniline	13.87	65	103895	45.241	ng		95
49) Acenaphthylene	14.51	152	477795	40.730	ng		99
50) Dimethylphthalate	14.23	163	408191	42.268	ng		100
51) 2,6-Dinitrotoluene	14.36	165	92964	45.408	ng		95
52) Acenaphthene	14.84	154	292416	41.416	ng		95
53) 3-Nitroaniline	14.69	138	14667	7.127	ng	#	87
54) 2,4-Dinitrophenol	14.90	184	77853	61.594	ng		99
55) Dibenzofuran	15.18	168	484143	41.794	ng		98
56) 4-Nitrophenol	14.98	139	135019	73.341	ng		95
57) 2,4-Dinitrotoluene	15.14	165	130825	45.478	ng		89
58) Fluorene	15.82	166	388670	42.680	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	118603	47.035	ng		97
60) Diethylphthalate	15.58	149	421053	44.043	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	202198	41.608	ng		95
62) 4-Nitroaniline	15.85	138	90338	40.491	ng		95
63) Azobenzene	16.10	77	367889	42.453	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	66974	38.087	ng		95
66) n-Nitrosodiphenylamine	16.03	169	360848	41.911	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	136457	40.991	ng		96
68) Hexachlorobenzene	16.82	284	139949	40.557	ng		97
69) Atrazine	16.96	200	145520	42.945	ng		95
70) Pentachlorophenol	17.16	266	167239	76.740	ng		97
71) Phenanthrene	17.57	178	680033	41.513	ng		99
72) Anthracene	17.66	178	686711	43.018	ng		99
73) Carbazole	17.93	167	606234	42.125	ng		99
74) Di-n-butylphthalate	18.46	149	736287	43.484	ng		99
75) Fluoranthene	19.57	202	813485	42.019	ng		98
77) Benzidine	19.75	184	24271	2.544	ng	#	92
78) Pyrene	19.93	202	818961	41.928	ng		99
80) Butylbenzylphthalate	20.79	149	340233	44.960	ng		96
81) Benzo(a)anthracene	21.79	228	779577	41.381	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	66686	9.695	ng		99
83) Chrysene	21.86	228	749843	41.056	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	478094	44.958	ng		99
85) Di-n-octyl phthalate	22.91	149	809613	45.980	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	877666	42.359	ng		97
88) Benzo(b)fluoranthene	24.11	252	793242	42.129	ng		99
89) Benzo(k)fluoranthene	24.18	252	755047	43.079	ng		98
90) Benzo(a)pyrene	25.02	252	755088	43.398	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	714118	41.866	ng		99
92) Benzo(g,h,i)perylene	30.28	276	720574	42.062	ng		98

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

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