Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040358.D
Acq On : 4 Apr 2019 13:15
Operator : JU/SJ
Sample : K1695-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DPC-91723-SO-TP5-BMS

Manual Integrations APPROVED
Sohil
4/4/2019 5:40:24 PM

Quant Time: Apr 04 17:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 13:35:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61246	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	260171	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	155911	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	381065	20.00	ng		0.00
76) Chrysene-d12	21.70	240	419058	20.00	ng		0.00
87) Perylene-d12	24.97	264	440165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	395572	107.37	ng		0.00
7) Phenol-d6	7.21	99	563692	110.71	ng		0.00
23) Nitrobenzene-d5	9.22	82	326221	66.65	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	198239	117.65	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	706667	67.16	ng		0.00
79) Terphenyl-d14	20.02	244	1157635	62.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	51210	29.561	ng		95
3) Pyridine	3.90	79	128968	27.650	ng		96
4) n-Nitrosodimethylamine	3.82	42	67033	31.069	ng		100
6) Aniline	7.38	93	78499	11.867	ng		98
8) 2-Chlorophenol	7.61	128	147404	34.179	ng		95
9) Benzaldehyde	7.19	77	98660	28.249	ng		95
10) Phenol	7.23	94	196697	35.592	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	144886	32.732	ng		100
12) 1,3-Dichlorobenzene	7.93	146	149107	31.805	ng		99
13) 1,4-Dichlorobenzene	8.08	146	152791	32.722	ng		99
14) 1,2-Dichlorobenzene	8.40	146	146706	32.855	ng		99
15) Benzyl Alcohol	8.29	79	136082	33.187	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	264421	31.126	ng		98
17) 2-Methylphenol	8.49	107	133905	35.015	ng		93
18) Hexachloroethane	9.12	117	54671	30.781	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	114287	31.307	ng		96
20) 3+4-Methylphenols	8.82	107	187406	36.174	ng		99
22) Acetophenone	8.87	105	223946	34.507	ng		99
24) Nitrobenzene	9.26	77	171143	33.765	ng		97
25) Isophorone	9.78	82	333004	33.065	ng		99
26) 2-Nitrophenol	9.97	139	82695	34.432	ng		98
27) 2,4-Dimethylphenol	10.02	122	149211	39.112	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	202340	33.959	ng		98
29) 2,4-Dichlorophenol	10.51	162	151978	36.702	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	157482	34.635	ng		97
31) Naphthalene	10.91	128	461173	34.582	ng		99
32) Benzoic acid	10.13	122	38038	16.503	ng		85
33) 4-Chloroaniline	11.03	127	59281	10.421	ng	#	93
34) Hexachlorobutadiene	11.17	225	92040	31.651	ng		95
35) Caprolactam	11.81	113	55373m	33.697	ng		
36) 4-Chloro-3-methylphenol	12.14	107	171003	35.922	ng		97
37) 2-Methylnaphthalene	12.51	142	341541	34.629	ng		99
38) 1-Methylnaphthalene	12.73	142	327285	34.221	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	174366	35.187	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	195945	72.015	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	124989	39.121	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	135883	39.020	ng	97
46) 1,1'-Biphenyl	13.51	154	436829	35.460	ng	96
47) 2-Chloronaphthalene	13.56	162	334055	35.352	ng	99
48) 2-Nitroaniline	13.78	65	112906	35.423	ng	100
49) Acenaphthylene	14.40	152	556199	34.716	ng	99
50) Dimethylphthalate	14.13	163	486599	39.878	ng	99
51) 2,6-Dinitrotoluene	14.26	165	98227	35.851	ng	98
52) Acenaphthene	14.74	154	323804	35.271	ng	99
53) 3-Nitroaniline	14.60	138	38522	13.283	ng	95
54) 2,4-Dinitrophenol	14.80	184	109500	75.149	ng	98
55) Dibenzofuran	15.08	168	531178	36.008	ng	99
56) 4-Nitrophenol	14.90	139	175664	75.047	ng	97
57) 2,4-Dinitrotoluene	15.04	165	140309	36.855	ng	98
58) Fluorene	15.73	166	413560	35.658	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	127404m	40.317	ng	
60) Diethylphthalate	15.48	149	453724	36.337	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	224085	36.146	ng	100
62) 4-Nitroaniline	15.76	138	110729	35.577	ng	99
63) Azobenzene	16.00	77	415518	35.279	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	78686	36.754	ng	94
66) n-Nitrosodiphenylamine	15.93	169	397477	35.645	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	145693	33.975	ng	98
68) Hexachlorobenzene	16.72	284	149307	34.628	ng	97
69) Atrazine	16.87	200	147689	35.604	ng	99
70) Pentachlorophenol	17.07	266	181320	72.738	ng	98
71) Phenanthrene	17.46	178	715982	35.746	ng	97
72) Anthracene	17.56	178	728094	36.318	ng	99
73) Carbazole	17.83	167	716499	37.764	ng	98
74) Di-n-butylphthalate	18.36	149	822856	36.588	ng	98
75) Fluoranthene	19.47	202	903887	38.111	ng	98
77) Benzidine	19.66	184	283204	18.715	ng	100
78) Pyrene	19.84	202	914161	33.173	ng	97
80) Butylbenzylphthalate	20.70	149	411109	34.862	ng	99
81) Benzo(a)anthracene	21.68	228	859719	33.307	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	142933	14.557	ng	97
83) Chrysene	21.74	228	861112	34.713	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	585551	34.737	ng	99
85) Di-n-octyl phthalate	22.76	149	1021824	35.579	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1081569	35.648	ng	100
88) Benzo(b)fluoranthene	23.93	252	934268	34.668	ng	99
89) Benzo(k)fluoranthene	23.99	252	916401	36.978	ng	98
90) Benzo(a)pyrene	24.82	252	922263	36.475	ng	100
91) Dibenzo(a,h)anthracene	28.80	278	882082	37.562	ng	99
92) Benzo(g,h,i)perylene	29.93	276	909262	37.676	ng	98

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

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