Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039779.D
Acq On : 6 Mar 2019 00:43
Operator : JU/SJ
Sample : K1704-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:15 PM

Quant Time: Mar 06 01:25:01 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	39391	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	178410	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	129559	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	311939	20.00	ng		0.00
76) Chrysene-d12	21.82	240	296586	20.00	ng		-0.01
87) Perylene-d12	25.19	264	312475	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	308676	133.69	ng		0.00
7) Phenol-d6	7.31	99	468352	136.04	ng		0.00
23) Nitrobenzene-d5	9.33	82	268607	81.43	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	191055	126.52	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	646904	71.09	ng		-0.01
79) Terphenyl-d14	20.12	244	1010745	75.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	31335	29.395	ng		96
3) Pyridine	3.99	79	64856	22.726	ng		95
4) n-Nitrosodimethylamine	3.91	42	49583	36.624	ng		92
6) Aniline	7.48	93	91130	20.204	ng		99
8) 2-Chlorophenol	7.72	128	106411	37.988	ng		98
9) Benzaldehyde	7.29	77	66476	29.933	ng		95
10) Phenol	7.33	94	183541	49.211	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	100858	34.684	ng		100
12) 1,3-Dichlorobenzene	8.04	146	105155	33.192	ng		97
13) 1,4-Dichlorobenzene	8.19	146	107864	33.426	ng		99
14) 1,2-Dichlorobenzene	8.51	146	104944	33.659	ng		96
15) Benzyl Alcohol	8.39	79	107854	39.493	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	201606	34.665	ng		98
17) 2-Methylphenol	8.59	107	98973	41.617	ng		97
18) Hexachloroethane	9.24	117	38540	33.285	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	87706	35.393	ng		93
20) 3+4-Methylphenols	8.92	107	140732	42.597	ng		96
22) Acetophenone	8.99	105	168131	35.112	ng	#	93
24) Nitrobenzene	9.38	77	129620	37.456	ng		97
25) Isophorone	9.89	82	258944	37.463	ng		97
26) 2-Nitrophenol	10.08	139	63856	38.217	ng		98
27) 2,4-Dimethylphenol	10.13	122	119187	45.865	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	153660	36.582	ng		97
29) 2,4-Dichlorophenol	10.62	162	126971	43.397	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	118909	36.118	ng		95
31) Naphthalene	11.03	128	343419	36.356	ng		99
32) Benzoic acid	10.25	122	57089	34.196	ng		97
33) 4-Chloroaniline	11.14	127	59470	14.847	ng		95
34) Hexachlorobutadiene	11.29	225	74029	32.905	ng		97
35) Caprolactam	11.92	113	47359m	42.374	ng		
36) 4-Chloro-3-methylphenol	12.24	107	143458	42.774	ng		99
37) 2-Methylnaphthalene	12.62	142	269803	38.204	ng		97
38) 1-Methylnaphthalene	12.84	142	258016	37.595	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	149682	34.103	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	170468	72.473	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	106647	41.503	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	116123	40.092	ng		96
46) 1,1'-Biphenyl	13.62	154	371631	34.875	ng		99
47) 2-Chloronaphthalene	13.67	162	290404	36.226	ng		98
48) 2-Nitroaniline	13.87	65	103224	40.068	ng		93
49) Acenaphthylene	14.51	152	471643	35.840	ng		99
50) Dimethylphthalate	14.23	163	447076	41.268	ng		99
51) 2,6-Dinitrotoluene	14.36	165	86870	37.824	ng		97
52) Acenaphthene	14.85	154	290865	36.723	ng		98
53) 3-Nitroaniline	14.70	138	50282	21.780	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	99184	69.237	ng		97
55) Dibenzofuran	15.18	168	468184	36.027	ng		99
56) 4-Nitrophenol	14.99	139	153193	74.177	ng		93
57) 2,4-Dinitrotoluene	15.14	165	127096	39.384	ng		87
58) Fluorene	15.83	166	369914	36.209	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	115689	40.898	ng		97
60) Diethylphthalate	15.58	149	406644	37.917	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	198250	36.366	ng		95
62) 4-Nitroaniline	15.86	138	93833	37.491	ng		96
63) Azobenzene	16.11	77	358750	36.903	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72126	39.106	ng		98
66) n-Nitrosodiphenylamine	16.03	169	345357	38.243	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	127215	36.434	ng		96
68) Hexachlorobenzene	16.82	284	131412	36.308	ng		94
69) Atrazine	16.97	200	135243	38.052	ng		98
70) Pentachlorophenol	17.17	266	171163	74.881	ng		98
71) Phenanthrene	17.57	178	622435	36.226	ng		99
72) Anthracene	17.66	178	631507	37.716	ng		99
73) Carbazole	17.93	167	556434	36.863	ng		99
74) Di-n-butylphthalate	18.46	149	676504	38.092	ng		99
75) Fluoranthene	19.57	202	718976	35.407	ng		98
77) Benzidine	19.75	184	180558	19.185	ng		98
78) Pyrene	19.94	202	727533	37.750	ng		99
80) Butylbenzylphthalate	20.80	149	299156	40.066	ng		96
81) Benzo(a)anthracene	21.80	228	680876	36.630	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	122426	18.040	ng		99
83) Chrysene	21.87	228	652969	36.235	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	416627	39.708	ng		100
85) Di-n-octyl phthalate	22.92	149	717565	41.303	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	766761	37.507	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	671073	36.014	ng		99
89) Benzo(k)fluoranthene	24.18	252	656518	37.851	ng		99
90) Benzo(a)pyrene	25.03	252	656514	38.129	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	632931	37.495	ng		98
92) Benzo(g,h,i)perylene	30.30	276	638416	37.658	ng		97

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

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