Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039957.D
Acq On : 16 Mar 2019 1:54
Operator : JU/SJ
Sample : PB117975BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:45 PM

Quant Time: Mar 16 05:15:14 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	8.15	152	46458	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	202723	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	133724	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	300662	20.00	ng		0.00
76) Chrysene-d12	21.81	240	294631	20.00	ng		-0.02
87) Perylene-d12	25.17	264	300759	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	344827	126.63	ng		-0.02
7) Phenol-d6	7.30	99	495001	121.91	ng		-0.02
23) Nitrobenzene-d5	9.33	82	303430	80.95	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	184010	118.06	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	721210	76.79	ng		-0.02
79) Terphenyl-d14	20.12	244	1025765	76.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	32980	26.232	ng		98
3) Pyridine	3.98	79	98654	29.311	ng		99
4) n-Nitrosodimethylamine	3.90	42	59802	37.453	ng	#	92
6) Aniline	7.47	93	130548	24.540	ng		99
8) 2-Chlorophenol	7.71	128	121874	36.890	ng		97
9) Benzaldehyde	7.29	77	58122	22.190	ng		97
10) Phenol	7.33	94	166822	37.925	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	117545	34.274	ng		97
12) 1,3-Dichlorobenzene	8.03	146	127184	34.039	ng		98
13) 1,4-Dichlorobenzene	8.18	146	132471	34.806	ng		98
14) 1,2-Dichlorobenzene	8.50	146	127722	34.733	ng		97
15) Benzyl Alcohol	8.39	79	122682	38.089	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247153	36.032	ng		99
17) 2-Methylphenol	8.58	107	107275	38.247	ng		99
18) Hexachloroethane	9.23	117	47998	35.147	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	99099	33.908	ng		98
20) 3+4-Methylphenols	8.91	107	150008	38.498	ng		98
22) Acetophenone	8.98	105	191701	35.233	ng	#	97
24) Nitrobenzene	9.37	77	150231	38.205	ng		95
25) Isophorone	9.88	82	289916	36.914	ng		99
26) 2-Nitrophenol	10.08	139	71414	37.615	ng		93
27) 2,4-Dimethylphenol	10.12	122	126656	42.894	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	175348	36.739	ng		97
29) 2,4-Dichlorophenol	10.61	162	137545	41.373	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	139701	37.344	ng		98
31) Naphthalene	11.02	128	392715	36.588	ng		99
32) Benzoic acid	10.26	122	71082	36.839	ng		97
33) 4-Chloroaniline	11.13	127	57417	12.615	ng		99
34) Hexachlorobutadiene	11.28	225	93624	36.624	ng		96
35) Caprolactam	11.91	113	44969m	35.410	ng		
36) 4-Chloro-3-methylphenol	12.24	107	146806	38.522	ng		99
37) 2-Methylnaphthalene	12.61	142	300331	37.427	ng		99
38) 1-Methylnaphthalene	12.83	142	284232	36.448	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	168857	37.273	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	234333	96.522	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	109969	41.463	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	117941	39.451	ng		96
46) 1,1'-Biphenyl	13.61	154	400571	36.420	ng		100
47) 2-Chloronaphthalene	13.66	162	310885	37.573	ng		99
48) 2-Nitroaniline	13.87	65	104272	39.214	ng		99
49) Acenaphthylene	14.50	152	495750	36.498	ng		99
50) Dimethylphthalate	14.22	163	405286	36.245	ng		100
51) 2,6-Dinitrotoluene	14.36	165	90155	38.032	ng		98
52) Acenaphthene	14.84	154	298796	36.549	ng		98
53) 3-Nitroaniline	14.69	138	48158	20.210	ng	#	87
54) 2,4-Dinitrophenol	14.89	184	87282	59.806	ng		97
55) Dibenzofuran	15.17	168	487893	36.375	ng		98
56) 4-Nitrophenol	14.99	139	141211	66.246	ng		91
57) 2,4-Dinitrotoluene	15.14	165	125815	37.773	ng		93
58) Fluorene	15.82	166	381325	36.164	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	117665	40.301	ng		98
60) Diethylphthalate	15.57	149	407389	36.804	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	207035	36.795	ng		99
62) 4-Nitroaniline	15.86	138	90052	34.859	ng		98
63) Azobenzene	16.10	77	371942	37.068	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	71965	40.482	ng		96
66) n-Nitrosodiphenylamine	16.02	169	349863	40.195	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	133484	39.663	ng		96
68) Hexachlorobenzene	16.81	284	134181	38.464	ng		96
69) Atrazine	16.96	200	121466	35.458	ng		97
70) Pentachlorophenol	17.17	266	159007	72.172	ng		98
71) Phenanthrene	17.57	178	623256	37.634	ng		99
72) Anthracene	17.65	178	622378	38.565	ng		99
73) Carbazole	17.92	167	531186	36.510	ng		98
74) Di-n-butylphthalate	18.45	149	647305	37.815	ng		99
75) Fluoranthene	19.56	202	722639	36.922	ng		98
77) Benzidine	19.74	184	207857	22.232	ng		99
78) Pyrene	19.93	202	723487	37.789	ng		100
80) Butylbenzylphthalate	20.79	149	301703	40.675	ng		95
81) Benzo(a)anthracene	21.79	228	708511	38.370	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	129389	19.193	ng		97
83) Chrysene	21.86	228	658485	36.783	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	421854	40.473	ng		97
85) Di-n-octyl phthalate	22.91	149	714248	41.385	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	775143	38.168	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	683466	38.108	ng		99
89) Benzo(k)fluoranthene	24.17	252	650890	38.988	ng		98
90) Benzo(a)pyrene	25.01	252	667514	40.278	ng		99
91) Dibenzo(a,h)anthracene	29.11	278	626592	38.566	ng		99
92) Benzo(g,h,i)perylene	30.27	276	637018	39.039	ng		98

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

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