Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039598.D
Acq On : 26 Feb 2019 13:24
Operator : JU/SJ
Sample : PB117389BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117389BS

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:41 PM

Quant Time: Feb 27 02:53:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54131	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	220268	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	144304	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	357530	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	384871	20.00	ng		-0.02
87) Perylene-d12	25.20	264	360822	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	486430	153.80	ng		0.00
7) Phenol-d6	7.32	99	675194	145.03	ng		0.00
23) Nitrobenzene-d5	9.34	82	330309	93.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	258543	166.38	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	786017	78.14	ng		-0.02
79) Terphenyl-d14	20.12	244	1433434	78.84	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	51997	37.584	ng		99
3) Pyridine	4.00	79	139485	38.080	ng		97
4) n-Nitrosodimethylamine	3.92	42	74865	40.868	ng		93
6) Aniline	7.49	93	168210	28.846	ng		96
8) 2-Chlorophenol	7.73	128	149489	43.240	ng		96
9) Benzaldehyde	7.31	77	50868	18.406	ng		94
10) Phenol	7.35	94	207425	42.742	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	145720	38.000	ng		98
12) 1,3-Dichlorobenzene	8.05	146	159610	38.110	ng		97
13) 1,4-Dichlorobenzene	8.21	146	165070	39.544	ng		97
14) 1,2-Dichlorobenzene	8.52	146	153657	38.023	ng		99
15) Benzyl Alcohol	8.40	79	140214	38.363	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	286423	33.075	ng		98
17) 2-Methylphenol	8.60	107	133687	42.569	ng		99
18) Hexachloroethane	9.25	117	57616	40.118	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	116548	35.272	ng		96
20) 3+4-Methylphenols	8.93	107	184166	42.585	ng		98
22) Acetophenone	9.00	105	227404	38.434	ng	#	95
24) Nitrobenzene	9.39	77	174082	45.701	ng		99
25) Isophorone	9.90	82	325764	41.693	ng		96
26) 2-Nitrophenol	10.10	139	86851	55.414	ng		97
27) 2,4-Dimethylphenol	10.14	122	155502	49.199	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	203881	42.364	ng		98
29) 2,4-Dichlorophenol	10.63	162	161402	46.723	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	163817	42.240	ng		100
31) Naphthalene	11.04	128	469528	42.968	ng		99
32) Benzoic acid	10.27	122	91313	44.848	ng		97
33) 4-Chloroaniline	11.15	127	114153	22.530	ng		97
34) Hexachlorobutadiene	11.30	225	106234	41.189	ng		92
35) Caprolactam	11.93	113	55714m	38.975	ng		
36) 4-Chloro-3-methylphenol	12.25	107	170348	42.640	ng		96
37) 2-Methylnaphthalene	12.63	142	351173	43.390	ng		97
38) 1-Methylnaphthalene	12.85	142	334918	42.929	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	192887	42.011	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	251982	100.717	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	134349	47.591	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	141673	47.883	ng		98
46) 1,1'-Biphenyl	13.63	154	463792	38.629	ng		99
47) 2-Chloronaphthalene	13.67	162	364123	40.314	ng		97
48) 2-Nitroaniline	13.89	65	122286	47.281	ng		96
49) Acenaphthylene	14.52	152	574580	42.159	ng		99
50) Dimethylphthalate	14.24	163	478658	41.070	ng		100
51) 2,6-Dinitrotoluene	14.37	165	105973	48.563	ng		94
52) Acenaphthene	14.85	154	354530	40.075	ng		99
53) 3-Nitroaniline	14.70	138	73806	33.406	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	126110	110.399	ng		99
55) Dibenzofuran	15.19	168	569563	40.154	ng		99
56) 4-Nitrophenol	15.00	139	194963	91.614	ng		91
57) 2,4-Dinitrotoluene	15.15	165	153491	53.869	ng		87
58) Fluorene	15.84	166	453420	42.881	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	143184	51.685	ng		95
60) Diethylphthalate	15.59	149	482723	40.060	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	239436	39.991	ng		98
62) 4-Nitroaniline	15.87	138	115911	47.478	ng		93
63) Azobenzene	16.11	77	432297	36.705	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	88779	58.139	ng		95
66) n-Nitrosodiphenylamine	16.04	169	417913	38.442	ng		100
67) 4-Bromophenyl-phenylether	16.72	248	156594	39.480	ng		95
68) Hexachlorobenzene	16.83	284	162542	40.845	ng		95
69) Atrazine	16.98	200	169909	42.768	ng		97
70) Pentachlorophenol	17.18	266	214830	77.673	ng		98
71) Phenanthrene	17.58	178	772598	41.751	ng		99
72) Anthracene	17.67	178	783298	42.974	ng		98
73) Carbazole	17.94	167	706001	38.812	ng		98
74) Di-n-butylphthalate	18.47	149	869786	40.986	ng		100
75) Fluoranthene	19.58	202	972885	45.296	ng		99
77) Benzidine	19.76	184	340935	27.019	ng		99
78) Pyrene	19.94	202	969717	40.474	ng		98
80) Butylbenzylphthalate	20.81	149	421754	41.729	ng		95
81) Benzo(a)anthracene	21.80	228	970130	42.658	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	245754	29.144	ng		99
83) Chrysene	21.87	228	907262	41.908	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	582426	40.393	ng		99
85) Di-n-octyl phthalate	22.93	149	990635	41.586	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1073196	46.204	ng		97
88) Benzo(b)fluoranthene	24.12	252	931225	47.324	ng		98
89) Benzo(k)fluoranthene	24.20	252	908156	45.969	ng		99
90) Benzo(a)pyrene	25.05	252	915875	48.328	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	866252	48.810	ng		98
92) Benzo(g,h,i)perylene	30.32	276	877867	49.626	ng		98

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

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