Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039154.D
Acq On : 16 Jan 2019 13:07
Operator : JU/SJ
Sample : PB116382BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116382BS

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:08 PM

Quant Time: Jan 16 14:09:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20768	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	102427	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	68684	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	187420	20.00	ng		0.00
76) Chrysene-d12	21.69	240	200965	20.00	ng		-0.01
87) Perylene-d12	24.96	264	221180	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	178551	163.09	ng		-0.01
7) Phenol-d6	7.18	99	266490	169.14	ng		0.00
23) Nitrobenzene-d5	9.20	82	135560	72.42	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	174965	151.97	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	407162	81.13	ng		-0.01
79) Terphenyl-d14	20.02	244	917298	84.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	11834	27.603	ng		92
3) Pyridine	3.85	79	36318	31.176	ng		94
4) n-Nitrosodimethylamine	3.77	42	22959	43.797	ng		85
6) Aniline	7.34	93	74946	39.608	ng		96
8) 2-Chlorophenol	7.58	128	63458	49.172	ng		98
9) Benzaldehyde	7.16	77	16130	17.752	ng		94
10) Phenol	7.21	94	80881	51.203	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	49330	40.860	ng		95
12) 1,3-Dichlorobenzene	7.90	146	55297	35.763	ng		97
13) 1,4-Dichlorobenzene	8.05	146	57175	36.511	ng		95
14) 1,2-Dichlorobenzene	8.37	146	57872	38.760	ng		96
15) Benzyl Alcohol	8.26	79	55623	46.879	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94885	40.987	ng		98
17) 2-Methylphenol	8.46	107	52111	47.510	ng		98
18) Hexachloroethane	9.09	117	20325	38.204	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	43980	42.508	ng		99
20) 3+4-Methylphenols	8.79	107	76883	49.164	ng		97
22) Acetophenone	8.85	105	90296	33.757	ng	#	97
24) Nitrobenzene	9.24	77	65060	34.387	ng		97
25) Isophorone	9.75	82	129328	40.110	ng		99
26) 2-Nitrophenol	9.95	139	39139	38.245	ng		95
27) 2,4-Dimethylphenol	10.00	122	69072	47.974	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	75696	39.062	ng		99
29) 2,4-Dichlorophenol	10.49	162	86970	48.623	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	78755	36.645	ng		98
31) Naphthalene	10.89	128	216704	42.184	ng		98
32) Benzoic acid	10.17	122	38826	44.664	ng		92
33) 4-Chloroaniline	11.01	127	49136	21.376	ng		95
34) Hexachlorobutadiene	11.14	225	54897	37.123	ng		94
35) Caprolactam	11.80	113	28527m	39.773	ng		
36) 4-Chloro-3-methylphenol	12.12	107	81984	42.854	ng		92
37) 2-Methylnaphthalene	12.49	142	160398	41.645	ng		97
38) 1-Methylnaphthalene	12.71	142	166097	44.929	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	103798	40.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	118748	81.614	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	73020	44.978	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	79443	46.299	ng		95
46) 1,1'-Biphenyl	13.49	154	208556	38.321	ng		99
47) 2-Chloronaphthalene	13.54	162	166838	37.882	ng		99
48) 2-Nitroaniline	13.76	65	52711	42.722	ng		92
49) Acenaphthylene	14.39	152	279582	42.235	ng		99
50) Dimethylphthalate	14.12	163	245615	42.317	ng		100
51) 2,6-Dinitrotoluene	14.25	165	55110	42.469	ng		96
52) Acenaphthene	14.73	154	154613	38.875	ng		93
53) 3-Nitroaniline	14.59	138	38374	29.151	ng		93
54) 2,4-Dinitrophenol	14.79	184	75325	95.939	ng		93
55) Dibenzofuran	15.06	168	282810	40.262	ng		99
56) 4-Nitrophenol	14.90	139	84111	88.802	ng		98
57) 2,4-Dinitrotoluene	15.03	165	76883	41.297	ng	#	96
58) Fluorene	15.71	166	223426	42.257	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	78809	48.656	ng		99
60) Diethylphthalate	15.47	149	243816	40.772	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	128061	38.445	ng		99
62) 4-Nitroaniline	15.75	138	52283	38.126	ng		89
63) Azobenzene	15.99	77	181409	38.792	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	52444	37.770	ng		94
66) n-Nitrosodiphenylamine	15.91	169	209779	37.757	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	91683	38.055	ng		95
68) Hexachlorobenzene	16.71	284	98104	37.318	ng		97
69) Atrazine	16.86	200	85460	36.207	ng		97
70) Pentachlorophenol	17.06	266	111976	69.742	ng		94
71) Phenanthrene	17.45	178	398541	40.231	ng		99
72) Anthracene	17.54	178	407994	41.654	ng		99
73) Carbazole	17.82	167	354091	36.620	ng		98
74) Di-n-butylphthalate	18.35	149	404262	37.582	ng		99
75) Fluoranthene	19.46	202	547933	44.617	ng		100
77) Benzidine	19.65	184	246118	40.040	ng		99
78) Pyrene	19.83	202	627333	48.983	ng		99
80) Butylbenzylphthalate	20.69	149	196987	40.440	ng		98
81) Benzo(a)anthracene	21.67	228	497517	40.668	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	123184	24.713	ng		98
83) Chrysene	21.74	228	470472	40.435	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	260974	38.585	ng		97
85) Di-n-octyl phthalate	22.75	149	482288	42.171	ng		99
86) Indeno(1,2,3-cd)pyrene	28.71	276	588179	42.306	ng		99
88) Benzo(b)fluoranthene	23.92	252	588596	48.262	ng		100
89) Benzo(k)fluoranthene	23.98	252	536496	44.492	ng		98
90) Benzo(a)pyrene	24.80	252	515012	43.689	ng		99
91) Dibenzo(a,h)anthracene	28.76	278	491671	41.932	ng		98
92) Benzo(g,h,i)perylene	29.89	276	481286	41.462	ng		99

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

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