Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038888.D
Acq On : 29 Dec 2018 00:24
Operator : JU/SJ
Sample : PB116060BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116060BS

Manual Integrations APPROVED
Sohil
1/2/2019 3:30:32 PM

Quant Time: Dec 29 01:12:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23727	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	100129	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	74216	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	197896	20.00	ng		0.00
76) Chrysene-d12	21.72	240	203925	20.00	ng		0.00
87) Perylene-d12	25.02	264	201734	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	181554	135.72	ng		0.01
7) Phenol-d6	7.22	99	252077	137.26	ng		0.02
23) Nitrobenzene-d5	9.23	82	121759	62.12	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	138866	135.77	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	344297	63.64	ng		0.00
79) Terphenyl-d14	20.04	244	743707	79.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19606	31.490	ng		97
3) Pyridine	3.89	79	52523	30.640	ng		94
4) n-Nitrosodimethylamine	3.82	42	31729	37.777	ng	#	91
6) Aniline	7.38	93	63936	27.272	ng		98
8) 2-Chlorophenol	7.62	128	76329	49.306	ng		97
9) Benzaldehyde	7.20	77	11743	9.857	ng		98
10) Phenol	7.25	94	97321	49.881	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	59821	38.511	ng		91
12) 1,3-Dichlorobenzene	7.94	146	73423	40.113	ng		99
13) 1,4-Dichlorobenzene	8.09	146	76005	40.543	ng		97
14) 1,2-Dichlorobenzene	8.41	146	71487	40.449	ng		96
15) Benzyl Alcohol	8.30	79	67557	47.129	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	118566	33.321	ng		96
17) 2-Methylphenol	8.50	107	66173	50.622	ng		96
18) Hexachloroethane	9.13	117	25970	37.911	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	50359	39.043	ng		92
20) 3+4-Methylphenols	8.83	107	93168	51.608	ng		98
22) Acetophenone	8.89	105	104288	41.698	ng	#	95
24) Nitrobenzene	9.27	77	79332	40.011	ng		94
25) Isophorone	9.79	82	146056	41.476	ng		98
26) 2-Nitrophenol	9.98	139	47786	47.088	ng		92
27) 2,4-Dimethylphenol	10.04	122	78282	53.824	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	85951	43.250	ng		98
29) 2,4-Dichlorophenol	10.52	162	94004	58.099	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	86033	44.020	ng		96
31) Naphthalene	10.92	128	226792	45.970	ng		98
32) Benzoic acid	10.23	122	11324m	19.826	ng		
33) 4-Chloroaniline	11.04	127	60840	28.405	ng		96
34) Hexachlorobutadiene	11.18	225	56193	42.492	ng		95
35) Caprolactam	11.84	113	29999	44.802	ng		94
36) 4-Chloro-3-methylphenol	12.16	107	96122	52.059	ng		94
37) 2-Methylnaphthalene	12.52	142	177229	50.355	ng		97
38) 1-Methylnaphthalene	12.75	142	167920	49.167	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109220	39.370	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	82654	54.231	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	86802	50.888	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	91389	50.603	ng		96
46) 1,1'-Biphenyl	13.53	154	240697	38.687	ng		98
47) 2-Chloronaphthalene	13.57	162	194831	40.540	ng		98
48) 2-Nitroaniline	13.79	65	64510	42.141	ng		84
49) Acenaphthylene	14.42	152	323849	45.075	ng		98
50) Dimethylphthalate	14.14	163	269045	44.391	ng		98
51) 2,6-Dinitrotoluene	14.28	165	61206	44.563	ng		87
52) Acenaphthene	14.76	154	186050	43.306	ng		99
53) 3-Nitroaniline	14.61	138	52668	37.618	ng		92
54) 2,4-Dinitrophenol	14.83	184	1113	6.455	ng	#	78
55) Dibenzofuran	15.09	168	328011	44.541	ng		96
56) 4-Nitrophenol	14.93	139	80160	75.470	ng		95
57) 2,4-Dinitrotoluene	15.07	165	89194	46.108	ng		92
58) Fluorene	15.74	166	266236	48.796	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	71196	43.818	ng		93
60) Diethylphthalate	15.50	149	281407	42.295	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	150127	44.100	ng		99
62) 4-Nitroaniline	15.78	138	68082	47.233	ng		95
63) Azobenzene	16.02	77	225445	40.561	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	3193	2.262	ng		93
66) n-Nitrosodiphenylamine	15.95	169	247363	42.542	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	102999	42.617	ng		96
68) Hexachlorobenzene	16.74	284	109104	43.548	ng		98
69) Atrazine	16.89	200	100465	46.557	ng		99
70) Pentachlorophenol	17.09	266	16573	11.184	ng	#	86
71) Phenanthrene	17.49	178	463477	45.164	ng		99
72) Anthracene	17.58	178	476063	46.991	ng		99
73) Carbazole	17.85	167	415470	41.467	ng		98
74) Di-n-butylphthalate	18.38	149	479053	41.669	ng		99
75) Fluoranthene	19.49	202	569724	44.870	ng		97
77) Benzidine	19.68	184	231553	38.394	ng		99
78) Pyrene	19.86	202	575411	42.712	ng		99
80) Butylbenzylphthalate	20.72	149	216649	41.162	ng		100
81) Benzo(a)anthracene	21.70	228	563326	45.334	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	164569	33.393	ng		100
83) Chrysene	21.77	228	524523	43.824	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	306319	41.035	ng		98
85) Di-n-octyl phthalate	22.79	149	522347	41.782	ng		96
86) Indeno(1,2,3-cd)pyrene	28.82	276	660336	46.928	ng	#	94
88) Benzo(b)fluoranthene	23.97	252	579485	52.319	ng		99
89) Benzo(k)fluoranthene	24.04	252	540102	48.969	ng		97
90) Benzo(a)pyrene	24.87	252	553049	51.757	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	548322	51.538	ng		99
92) Benzo(g,h,i)perylene	30.01	276	547649	52.232	ng		98

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

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