Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043452.D
Acq On : 1 Nov 2019 2:49
Operator : JU
Sample : PB124468BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124468BS

Manual Integrations APPROVED
mohammad
11/1/2019 2:05:34 PM

Quant Time: Nov 01 05:35:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34928	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	140541	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117113	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	280340	20.00	ng	0.00
76) Chrysene-d12	21.66	240	318491	20.00	ng	0.00
87) Perylene-d12	24.87	264	363261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	244325	128.18	ng	0.00
7) Phenol-d6	7.21	99	326468	119.04	ng	0.00
23) Nitrobenzene-d5	9.18	82	161493	59.24	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	213778	95.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	447061	52.75	ng	0.00
79) Terphenyl-d14	20.01	244	909465	53.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	29385	39.561	ng	97
3) Pyridine	3.88	79	69104	36.881	ng	88
4) n-Nitrosodimethylamine	3.80	42	42072	44.498	ng	83
6) Aniline	7.35	93	96193	30.449	ng	94
8) 2-Chlorophenol	7.60	128	97160	46.177	ng	99
9) Benzaldehyde	7.16	77	54878	40.719	ng	85
10) Phenol	7.24	94	113692	45.368	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	79354	40.957	ng	95
12) 1,3-Dichlorobenzene	7.91	146	106320	40.330	ng	98
13) 1,4-Dichlorobenzene	8.06	146	109525	41.063	ng	96
14) 1,2-Dichlorobenzene	8.38	146	103612	39.785	ng	97
15) Benzyl Alcohol	8.27	79	83480	43.344	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109083	38.720	ng	99
17) 2-Methylphenol	8.48	107	85213	46.644	ng	95
18) Hexachloroethane	9.11	117	38724	40.241	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	68504	38.657	ng	99
20) 3+4-Methylphenols	8.81	107	110256	44.013	ng	89
22) Acetophenone	8.84	105	137108	38.095	ng	97
24) Nitrobenzene	9.23	77	107281	41.311	ng	94
25) Isophorone	9.75	82	195446	39.215	ng	99
26) 2-Nitrophenol	9.94	139	52717	42.048	ng	99
27) 2,4-Dimethylphenol	10.01	122	89390	49.746	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	109007	39.628	ng	99
29) 2,4-Dichlorophenol	10.49	162	99389	43.168	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	113535	39.125	ng	97
31) Naphthalene	10.88	128	295887	41.477	ng	98
32) Benzoic acid	10.17	122	41174	33.400	ng	94
33) 4-Chloroaniline	11.00	127	58402	19.972	ng	98
34) Hexachlorobutadiene	11.16	225	82669	38.539	ng	94
35) Caprolactam	11.76	113	31806m	40.111	ng	
36) 4-Chloro-3-methylphenol	12.13	107	108030	43.016	ng	99
37) 2-Methylnaphthalene	12.48	142	226222	41.329	ng	95
38) 1-Methylnaphthalene	12.70	142	214519	41.190	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147361	34.000	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	160892	70.667	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	94345	36.963	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	99226	38.453	ng		96
46) 1,1'-Biphenyl	13.48	154	302621	33.967	ng		97
47) 2-Chloronaphthalene	13.53	162	234570	34.603	ng		98
48) 2-Nitroaniline	13.74	65	71314	35.198	ng		93
49) Acenaphthylene	14.37	152	390573	37.020	ng		98
50) Dimethylphthalate	14.11	163	305505	33.679	ng		99
51) 2,6-Dinitrotoluene	14.23	165	69299	35.165	ng		96
52) Acenaphthene	14.71	154	225863	35.105	ng		99
53) 3-Nitroaniline	14.57	138	47976	25.215	ng		88
54) 2,4-Dinitrophenol	14.77	184	73247	61.385	ng		97
55) Dibenzofuran	15.05	168	371717	35.627	ng		99
56) 4-Nitrophenol	14.89	139	107189	84.067	ng		96
57) 2,4-Dinitrotoluene	15.02	165	100895	35.825	ng	#	97
58) Fluorene	15.70	166	314126	35.896	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	104395	38.078	ng	#	98
60) Diethylphthalate	15.46	149	313159	34.358	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	178447	34.955	ng		96
62) 4-Nitroaniline	15.73	138	67674	34.440	ng		96
63) Azobenzene	15.98	77	265324	35.968	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	61102	37.036	ng		96
66) n-Nitrosodiphenylamine	15.91	169	279579	35.324	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	129224	34.252	ng		96
68) Hexachlorobenzene	16.70	284	146599	33.852	ng		99
69) Atrazine	16.85	200	124059	45.109	ng		96
70) Pentachlorophenol	17.06	266	164981	83.606	ng		97
71) Phenanthrene	17.44	178	510712	35.576	ng		98
72) Anthracene	17.53	178	533625	37.153	ng		100
73) Carbazole	17.80	167	476928	36.668	ng		98
74) Di-n-butylphthalate	18.36	149	567809	35.979	ng		99
75) Fluoranthene	19.45	202	695232	37.148	ng		99
77) Benzidine	19.63	184	217187	33.884	ng		98
78) Pyrene	19.81	202	706979	35.861	ng		100
80) Butylbenzylphthalate	20.69	149	262544	35.151	ng		97
81) Benzo(a)anthracene	21.65	228	726493	36.416	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	241700	31.323	ng		98
83) Chrysene	21.71	228	707933	35.715	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	382309	36.034	ng		99
85) Di-n-octyl phthalate	22.75	149	667120	37.062	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	928804	37.329	ng	#	76
88) Benzo(b)fluoranthene	23.85	252	764894	37.178	ng		98
89) Benzo(k)fluoranthene	23.92	252	772399	37.292	ng		99
90) Benzo(a)pyrene	24.71	252	712377	36.259	ng		100
91) Dibenzo(a,h)anthracene	28.58	278	784603	39.043	ng		98
92) Benzo(g,h,i)perylene	29.65	276	776709	39.184	ng		99

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

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