Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043630.D
Acq On : 14 Nov 2019 12:44
Operator : JU
Sample : PB124780BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Manual Integrations APPROVED
mohammad
11/15/2019 6:00:23 PM

Quant Time: Nov 15 02:17:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26209	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	107375	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	75808	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	183909	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	213942	20.00	ng		-0.01
87) Perylene-d12	24.83	264	226342	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	177721	124.26	ng		0.00
7) Phenol-d6	7.20	99	240603	116.92	ng		0.00
23) Nitrobenzene-d5	9.16	82	119103	57.19	ng		-0.02
42) 2,4,6-Tribromophenol	16.13	330	150960	104.64	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	330333	60.21	ng		-0.01
79) Terphenyl-d14	19.99	244	686888	60.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	19670	35.291	ng		96
3) Pyridine	3.86	79	45856	32.615	ng		98
4) n-Nitrosodimethylamine	3.77	42	30458	42.931	ng		87
6) Aniline	7.33	93	75352	31.787	ng		100
8) 2-Chlorophenol	7.58	128	68891	43.634	ng		94
9) Benzaldehyde	7.14	77	35751	35.351	ng		82
10) Phenol	7.23	94	85615	45.530	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	54810	37.700	ng		97
12) 1,3-Dichlorobenzene	7.89	146	74202	37.510	ng		97
13) 1,4-Dichlorobenzene	8.03	146	77578	38.761	ng		93
14) 1,2-Dichlorobenzene	8.35	146	74342	38.043	ng		96
15) Benzyl Alcohol	8.25	79	60855	42.108	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76491	36.183	ng		97
17) 2-Methylphenol	8.47	107	59303	43.261	ng		95
18) Hexachloroethane	9.07	117	27357	37.886	ng		89
19) n-Nitroso-di-n-propylamine	8.80	70	49927	37.547	ng		93
20) 3+4-Methylphenols	8.80	107	79303	42.188	ng	#	89
22) Acetophenone	8.82	105	101256	36.824	ng	#	89
24) Nitrobenzene	9.20	77	76834	38.726	ng	#	97
25) Isophorone	9.72	82	143610	37.714	ng		98
26) 2-Nitrophenol	9.91	139	40395	42.172	ng	#	94
27) 2,4-Dimethylphenol	9.99	122	65247	47.526	ng		100
28) bis(2-Chloroethoxy)methane	10.20	93	75584	35.965	ng		94
29) 2,4-Dichlorophenol	10.47	162	72508	41.220	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	79806	35.997	ng		98
31) Naphthalene	10.85	128	212400	38.970	ng		98
32) Benzoic acid	10.17	122	29176	31.634	ng		89
33) 4-Chloroaniline	10.97	127	53306	23.860	ng		96
34) Hexachlorobutadiene	11.14	225	55238	33.705	ng		96
35) Caprolactam	11.74	113	23847m	39.363	ng		
36) 4-Chloro-3-methylphenol	12.12	107	77687	40.489	ng		96
37) 2-Methylnaphthalene	12.46	142	161709	38.669	ng		97
38) 1-Methylnaphthalene	12.68	142	153967	38.695	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	105170	37.486	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	87381	59.291	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	63916	38.685	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	68068	40.751	ng		95
46) 1,1'-Biphenyl	13.46	154	220447	38.225	ng		99
47) 2-Chloronaphthalene	13.50	162	168249	38.343	ng		99
48) 2-Nitroaniline	13.72	65	51236	39.067	ng		95
49) Acenaphthylene	14.35	152	278531	40.785	ng		100
50) Dimethylphthalate	14.09	163	224384	38.213	ng		99
51) 2,6-Dinitrotoluene	14.20	165	50931	39.926	ng		96
52) Acenaphthene	14.69	154	163152	39.175	ng		99
53) 3-Nitroaniline	14.55	138	36381	29.539	ng		95
54) 2,4-Dinitrophenol	14.76	184	42645	55.944	ng		97
55) Dibenzofuran	15.03	168	270742	40.088	ng		98
56) 4-Nitrophenol	14.89	139	68007	82.399	ng		93
57) 2,4-Dinitrotoluene	15.00	165	73012	40.049	ng	#	99
58) Fluorene	15.68	166	226513	39.988	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	70152	39.530	ng		93
60) Diethylphthalate	15.44	149	223149	37.822	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	126637	38.322	ng		96
62) 4-Nitroaniline	15.71	138	47274	37.167	ng		87
63) Azobenzene	15.96	77	188237	39.422	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	41819	38.639	ng		95
66) n-Nitrosodiphenylamine	15.88	169	201698	38.846	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	91676	37.041	ng		94
68) Hexachlorobenzene	16.68	284	100519	35.382	ng		94
69) Atrazine	16.83	200	89080	49.374	ng		98
70) Pentachlorophenol	17.04	266	80226	61.973	ng		95
71) Phenanthrene	17.42	178	365834	38.846	ng		99
72) Anthracene	17.51	178	380062	40.336	ng		98
73) Carbazole	17.79	167	342799	40.175	ng		99
74) Di-n-butylphthalate	18.33	149	405098	39.128	ng		99
75) Fluoranthene	19.43	202	502444	40.924	ng		99
77) Benzidine	19.62	184	159420	37.026	ng		97
78) Pyrene	19.79	202	509048	38.440	ng		98
80) Butylbenzylphthalate	20.67	149	189486	37.768	ng		97
81) Benzo(a)anthracene	21.62	228	529680	39.525	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	172811	33.340	ng		94
83) Chrysene	21.69	228	510698	38.355	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	282487	39.637	ng		99
85) Di-n-octyl phthalate	22.71	149	487423	40.312	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	664386	39.751	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	564439	44.030	ng		99
89) Benzo(k)fluoranthene	23.88	252	557991	43.237	ng		98
90) Benzo(a)pyrene	24.67	252	516771	42.215	ng		99
91) Dibenzo(a,h)anthracene	28.51	278	564204	45.060	ng		98
92) Benzo(g,h,i)perylene	29.59	276	560038	45.344	ng		98

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

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