Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043586.D
Acq On : 11 Nov 2019 16:45
Operator : JU
Sample : PB124640BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:01 PM

Quant Time: Nov 12 01:15:33 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	8.00	152	25564	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	106709	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	77876	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	181462	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	185801	20.00	ng		-0.01
87) Perylene-d12	24.83	264	218213	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	178500	127.95	ng		0.00
7) Phenol-d6	7.20	99	247886	123.50	ng		0.00
23) Nitrobenzene-d5	9.16	82	127525	61.61	ng		-0.02
42) 2,4,6-Tribromophenol	16.13	330	161764	109.15	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	359086	63.71	ng		-0.01
79) Terphenyl-d14	19.99	244	636567	64.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	18556	34.132	ng	#	90
3) Pyridine	3.86	79	47226	34.437	ng	#	94
4) n-Nitrosodimethylamine	3.78	42	28839	41.674	ng		90
6) Aniline	7.33	93	77243	33.407	ng		97
8) 2-Chlorophenol	7.58	128	72660	47.182	ng		97
9) Benzaldehyde	7.14	77	37038	37.548	ng		86
10) Phenol	7.23	94	87153	47.517	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	56106	39.565	ng		99
12) 1,3-Dichlorobenzene	7.89	146	73528	38.107	ng		96
13) 1,4-Dichlorobenzene	8.04	146	76993	39.440	ng		95
14) 1,2-Dichlorobenzene	8.35	146	76241	39.999	ng		97
15) Benzyl Alcohol	8.25	79	62326	44.214	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	79189	38.405	ng		98
17) 2-Methylphenol	8.47	107	63623	47.583	ng		98
18) Hexachloroethane	9.08	117	27063	38.424	ng		100
19) n-Nitroso-di-n-propylamine	8.80	70	53306	41.099	ng	#	89
20) 3+4-Methylphenols	8.80	107	86496	47.175	ng		93
22) Acetophenone	8.82	105	104996	38.422	ng	#	93
24) Nitrobenzene	9.21	77	80539	40.847	ng		97
25) Isophorone	9.72	82	152216	40.224	ng		99
26) 2-Nitrophenol	9.92	139	41307	43.393	ng		93
27) 2,4-Dimethylphenol	9.99	122	70473	51.653	ng		100
28) bis(2-Chloroethoxy)methane	10.21	93	83209	39.840	ng		99
29) 2,4-Dichlorophenol	10.48	162	79037	45.212	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	84919	38.542	ng		96
31) Naphthalene	10.85	128	226012	41.727	ng		97
32) Benzoic acid	10.17	122	36619	37.573	ng		95
33) 4-Chloroaniline	10.98	127	55943	25.196	ng		94
34) Hexachlorobutadiene	11.14	225	59453	36.503	ng		97
35) Caprolactam	11.74	113	25907m	43.031	ng		
36) 4-Chloro-3-methylphenol	12.11	107	85426	44.800	ng		98
37) 2-Methylnaphthalene	12.46	142	173248	41.686	ng		98
38) 1-Methylnaphthalene	12.68	142	169918	42.970	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	113647	39.432	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	119812	79.138	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	71007	41.836	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	75623	44.071	ng	98
46) 1,1'-Biphenyl	13.47	154	236084	39.850	ng	95
47) 2-Chloronaphthalene	13.51	162	179248	39.765	ng	99
48) 2-Nitroaniline	13.72	65	54766	40.650	ng	95
49) Acenaphthylene	14.35	152	301146	42.925	ng	99
50) Dimethylphthalate	14.09	163	247365	41.009	ng	97
51) 2,6-Dinitrotoluene	14.21	165	56869	43.397	ng	97
52) Acenaphthene	14.69	154	174434	40.772	ng	95
53) 3-Nitroaniline	14.55	138	36491	28.842	ng	96
54) 2,4-Dinitrophenol	14.75	184	56672	70.233	ng	93
55) Dibenzofuran	15.03	168	294842	42.497	ng	98
56) 4-Nitrophenol	14.89	139	73168	86.298	ng	94
57) 2,4-Dinitrotoluene	15.00	165	78806	42.080	ng	97
58) Fluorene	15.68	166	247002	42.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	77561	42.544	ng	93
60) Diethylphthalate	15.45	149	244867	40.401	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	142234	41.899	ng	96
62) 4-Nitroaniline	15.72	138	53110	40.646	ng	96
63) Azobenzene	15.96	77	207151	42.231	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	47217	44.214	ng	93
66) n-Nitrosodiphenylamine	15.89	169	216996	42.356	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	97245	39.821	ng	97
68) Hexachlorobenzene	16.69	284	107765	38.444	ng	100
69) Atrazine	16.83	200	90067	50.594	ng	94
70) Pentachlorophenol	17.04	266	98454	77.079	ng	97
71) Phenanthrene	17.42	178	382289	41.141	ng	98
72) Anthracene	17.51	178	394969	42.483	ng	97
73) Carbazole	17.79	167	342287	40.656	ng	99
74) Di-n-butylphthalate	18.33	149	397454	38.907	ng	99
75) Fluoranthene	19.43	202	480499	39.664	ng	99
77) Benzidine	19.62	184	202186	54.071	ng	98
78) Pyrene	19.79	202	479172	41.664	ng	99
80) Butylbenzylphthalate	20.68	149	176061	40.407	ng	97
81) Benzo(a)anthracene	21.63	228	489519	42.061	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	140426	31.195	ng	96
83) Chrysene	21.69	228	474565	41.039	ng	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	263279	42.536	ng	99
85) Di-n-octyl phthalate	22.72	149	458458	43.659	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	622638	42.895	ng	98
88) Benzo(b)fluoranthene	23.82	252	522413	42.270	ng	100
89) Benzo(k)fluoranthene	23.89	252	520471	41.832	ng	99
90) Benzo(a)pyrene	24.68	252	486986	41.264	ng	97
91) Dibenzo(a,h)anthracene	28.52	278	523839	43.394	ng	98
92) Benzo(g,h,i)perylene	29.60	276	520970	43.752	ng	99

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

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