Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044197.D
Acq On : 25 Jan 2020 1:50
Operator : CG/JU
Sample : PB126331BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:41 AM

Quant Time: Jan 27 04:06:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90456	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	385678	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	255004	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	522023	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	437667	20.00	ng	-0.03
87) Perylene-d12	24.67	264	497118	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	725838	147.33	ng	-0.03
7) Phenol-d6	7.11	99	954568	138.62	ng	-0.02
23) Nitrobenzene-d5	9.09	82	512520	71.09	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	350870	131.48	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1136030	80.71	ng	-0.04
79) Terphenyl-d14	19.93	244	1557659	86.10	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	106501	49.581	ng	97
3) Pyridine	3.79	79	221350	34.882	ng	93
4) n-Nitrosodimethylamine	3.70	42	115216	40.781	ng	99
6) Aniline	7.25	93	292987	32.392	ng	97
8) 2-Chlorophenol	7.50	128	277935	48.056	ng	97
9) Benzaldehyde	7.06	77	143715	32.608	ng	98
10) Phenol	7.13	94	344910	48.612	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	258061	42.136	ng	98
12) 1,3-Dichlorobenzene	7.82	146	285037	42.116	ng	97
13) 1,4-Dichlorobenzene	7.96	146	287488	43.051	ng	99
14) 1,2-Dichlorobenzene	8.29	146	272210	42.469	ng	99
15) Benzyl Alcohol	8.16	79	234948	43.230	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	349534	36.889	ng	99
17) 2-Methylphenol	8.37	107	241227	46.982	ng	97
18) Hexachloroethane	9.01	117	107127	41.228	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	205431	40.058	ng	98
20) 3+4-Methylphenols	8.70	107	335167	46.794	ng	97
22) Acetophenone	8.74	105	384128	40.062	ng	99
24) Nitrobenzene	9.13	77	296879	41.577	ng	98
25) Isophorone	9.65	82	564009	41.699	ng	99
26) 2-Nitrophenol	9.84	139	157456	46.609	ng	97
27) 2,4-Dimethylphenol	9.91	122	271673	53.423	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	358208	39.724	ng	98
29) 2,4-Dichlorophenol	10.38	162	274961	45.329	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	280306	41.213	ng	98
31) Naphthalene	10.78	128	826565	44.288	ng	99
32) Benzoic acid	10.05	122	112011	29.781	ng	96
33) 4-Chloroaniline	10.88	127	202178	22.712	ng	98
34) Hexachlorobutadiene	11.08	225	160234	38.586	ng	98
35) Caprolactam	11.65	113	100879m	44.674	ng	
36) 4-Chloro-3-methylphenol	12.02	107	298999	46.303	ng	97
37) 2-Methylnaphthalene	12.39	142	621427	44.226	ng	97
38) 1-Methylnaphthalene	12.61	142	587405	44.109	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	295178	39.493	ng	99

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QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	384904	99.333	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	216801	42.156	ng		97
44) 2,4,5-Trichlorophenol	13.07	196	232666	43.864	ng		99
46) 1,1'-Biphenyl	13.40	154	779104	42.613	ng		99
47) 2-Chloronaphthalene	13.44	162	603031	40.817	ng		99
48) 2-Nitroaniline	13.64	65	188131	39.586	ng		99
49) Acenaphthylene	14.29	152	970281	45.693	ng		98
50) Dimethylphthalate	14.02	163	769975	42.525	ng		99
51) 2,6-Dinitrotoluene	14.13	165	174161	42.557	ng		99
52) Acenaphthene	14.63	154	595023	39.957	ng		99
53) 3-Nitroaniline	14.46	138	131963	28.395	ng		98
54) 2,4-Dinitrophenol	14.67	184	166836	80.020	ng		97
55) Dibenzofuran	14.97	168	917227	44.742	ng		98
56) 4-Nitrophenol	14.78	139	308651	86.669	ng		98
57) 2,4-Dinitrotoluene	14.93	165	242082	43.473	ng		99
58) Fluorene	15.61	166	722937	44.493	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	203196	44.550	ng		96
60) Diethylphthalate	15.39	149	770588	42.551	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	375645	42.576	ng		97
62) 4-Nitroaniline	15.63	138	177233	38.619	ng		96
63) Azobenzene	15.90	77	730407	43.490	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	131899	48.945	ng		98
66) n-Nitrosodiphenylamine	15.82	169	665731	43.306	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	239547	40.801	ng		97
68) Hexachlorobenzene	16.62	284	258795	40.907	ng		98
69) Atrazine	16.77	200	246077	49.245	ng		98
70) Pentachlorophenol	16.96	266	268786	77.073	ng		98
71) Phenanthrene	17.35	178	1107838	44.245	ng		98
72) Anthracene	17.44	178	1135854	45.901	ng		98
73) Carbazole	17.71	167	1008720	44.130	ng		97
74) Di-n-butylphthalate	18.27	149	1249547	42.816	ng		97
75) Fluoranthene	19.36	202	1264160	44.147	ng		97
77) Benzidine	19.54	184	513207	46.651	ng		98
78) Pyrene	19.72	202	1270337	44.467	ng		96
80) Butylbenzylphthalate	20.61	149	582773	42.847	ng		96
81) Benzo(a)anthracene	21.54	228	1198307	44.155	ng		96
82) 3,3'-Dichlorobenzidine	21.45	252	341985	31.896	ng		99
83) Chrysene	21.60	228	1148275	44.529	ng		97
84) Bis(2-ethylhexyl)phthalate	21.46	149	822881	43.848	ng		97
85) Di-n-octyl phthalate	22.63	149	1433551	45.437	ng		97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1495180	42.665	ng	#	91
88) Benzo(b)fluoranthene	23.69	252	1276158	43.424	ng		97
89) Benzo(k)fluoranthene	23.75	252	1249926	44.726	ng		98
90) Benzo(a)pyrene	24.51	252	1184064	42.688	ng		97
91) Dibenzo(a,h)anthracene	28.25	278	1231678	44.215	ng		99
92) Benzo(g,h,i)perylene	29.28	276	1255766	45.383	ng		98

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

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