Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043326.D
Acq On : 24 Oct 2019 11:47
Operator : JU
Sample : PB124226BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124226BS

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:23 AM

Quant Time: Oct 24 16:53:46 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	34943	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	136526	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	98457	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	246115	20.00	ng		0.00
76) Chrysene-d12	21.66	240	300050	20.00	ng		0.00
87) Perylene-d12	24.86	264	342028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	138285	72.52	ng		0.00
7) Phenol-d6	7.20	99	189125	68.93	ng		0.00
23) Nitrobenzene-d5	9.18	82	180013	67.98	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	131690	70.29	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	497980	69.89	ng		0.00
79) Terphenyl-d14	20.00	244	1055584	66.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	30065	40.459	ng		96
3) Pyridine	3.88	79	67646	36.087	ng		97
4) n-Nitrosodimethylamine	3.80	42	37959	40.130	ng		93
6) Aniline	7.35	93	102385	32.395	ng		94
8) 2-Chlorophenol	7.59	128	91812	43.616	ng		96
9) Benzaldehyde	7.16	77	49790	36.928	ng		90
10) Phenol	7.23	94	110988	44.270	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	71344	36.807	ng		97
12) 1,3-Dichlorobenzene	7.91	146	102225	38.760	ng		99
13) 1,4-Dichlorobenzene	8.06	146	103261	38.698	ng		98
14) 1,2-Dichlorobenzene	8.38	146	98108	37.656	ng		98
15) Benzyl Alcohol	8.27	79	79616	41.320	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102982	36.538	ng		99
17) 2-Methylphenol	8.47	107	76345	41.772	ng		97
18) Hexachloroethane	9.11	117	37081	38.517	ng		87
19) n-Nitroso-di-n-propylamine	8.82	70	63954	36.074	ng		97
20) 3+4-Methylphenols	8.81	107	104296	41.616	ng		92
22) Acetophenone	8.84	105	128735	36.820	ng		98
24) Nitrobenzene	9.22	77	102293	40.549	ng		98
25) Isophorone	9.75	82	184038	38.012	ng		99
26) 2-Nitrophenol	9.94	139	51631	42.393	ng		93
27) 2,4-Dimethylphenol	10.00	122	86232	49.400	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	103135	38.596	ng		100
29) 2,4-Dichlorophenol	10.48	162	95813	42.839	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	107596	38.169	ng		98
31) Naphthalene	10.88	128	273898	39.524	ng		99
32) Benzoic acid	10.15	122	42689	35.039	ng		96
33) 4-Chloroaniline	11.00	127	47496	16.720	ng	#	95
34) Hexachlorobutadiene	11.17	225	76332	36.631	ng		95
35) Caprolactam	11.76	113	31779m	41.256	ng		
36) 4-Chloro-3-methylphenol	12.12	107	106324	43.582	ng		99
37) 2-Methylnaphthalene	12.48	142	210435	39.576	ng		98
38) 1-Methylnaphthalene	12.70	142	195104	38.564	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	135803	37.270	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	180688	94.399	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	90839	42.333	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	98376	45.347	ng		96
46) 1,1'-Biphenyl	13.48	154	290252	38.752	ng		98
47) 2-Chloronaphthalene	13.53	162	223781	39.267	ng		98
48) 2-Nitroaniline	13.74	65	68841	40.416	ng		99
49) Acenaphthylene	14.38	152	371266	41.858	ng		98
50) Dimethylphthalate	14.11	163	309018	40.521	ng		99
51) 2,6-Dinitrotoluene	14.22	165	69043	41.673	ng		99
52) Acenaphthene	14.72	154	220508	40.767	ng		98
53) 3-Nitroaniline	14.56	138	47974	29.992	ng		89
54) 2,4-Dinitrophenol	14.76	184	73281	71.667	ng		93
55) Dibenzofuran	15.05	168	359991	41.041	ng		97
56) 4-Nitrophenol	14.88	139	106924	99.749	ng		97
57) 2,4-Dinitrotoluene	15.01	165	101341	42.801	ng	#	97
58) Fluorene	15.70	166	303625	41.271	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	101187	43.901	ng		99
60) Diethylphthalate	15.46	149	312136	40.735	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	171893	40.051	ng		99
62) 4-Nitroaniline	15.72	138	69815	42.262	ng		98
63) Azobenzene	15.98	77	261023	42.090	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	58750	40.562	ng		99
66) n-Nitrosodiphenylamine	15.90	169	275933	39.711	ng		96
67) 4-Bromophenyl-phenylether	16.59	248	122842	37.088	ng		97
68) Hexachlorobenzene	16.70	284	136557	35.918	ng		98
69) Atrazine	16.85	200	109038	45.161	ng		97
70) Pentachlorophenol	17.05	266	164548	94.983	ng		97
71) Phenanthrene	17.44	178	500281	39.696	ng		100
72) Anthracene	17.53	178	516611	40.970	ng		99
73) Carbazole	17.80	167	485328	42.503	ng		99
74) Di-n-butylphthalate	18.35	149	571550	41.252	ng		100
75) Fluoranthene	19.45	202	716682	43.619	ng		99
77) Benzidine	19.63	184	279194	46.235	ng		98
78) Pyrene	19.81	202	724639	39.016	ng		99
80) Butylbenzylphthalate	20.69	149	272546	38.733	ng		99
81) Benzo(a)anthracene	21.64	228	741858	39.471	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	230336	31.685	ng		99
83) Chrysene	21.71	228	740030	39.629	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	393467	39.365	ng		99
85) Di-n-octyl phthalate	22.75	149	676426	39.889	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	947947	40.440	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	799052	41.249	ng		99
89) Benzo(k)fluoranthene	23.92	252	800365	41.042	ng		98
90) Benzo(a)pyrene	24.72	252	789966	42.705	ng		96
91) Dibenzo(a,h)anthracene	28.57	278	791330	41.823	ng		99
92) Benzo(g,h,i)perylene	29.65	276	791347	42.400	ng		99

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

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