Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044210.D
Acq On : 25 Jan 2020 10:18
Operator : CG/JU
Sample : L1247-21MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMPMSD

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:52 AM

Quant Time: Jan 27 05:38:29 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	87052	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	390148	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	258418	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	512405	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	428816	20.00	ng		-0.03
87) Perylene-d12	24.67	264	489990	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	616229	129.98	ng		-0.03
7) Phenol-d6	7.10	99	832254	125.58	ng		-0.02
23) Nitrobenzene-d5	9.08	82	505795	69.35	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	297412	109.98	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1081899	75.85	ng		-0.03
79) Terphenyl-d14	19.92	244	1435156	79.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	77025	37.261	ng		95
3) Pyridine	3.79	79	188513	30.869	ng		97
4) n-Nitrosodimethylamine	3.70	42	101581	37.361	ng	#	95
6) Aniline	7.25	93	111995	12.866	ng		98
8) 2-Chlorophenol	7.50	128	262689	47.196	ng		96
9) Benzaldehyde	7.06	77	123638	29.149	ng		98
10) Phenol	7.13	94	347658	50.916	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	229775	38.985	ng		99
12) 1,3-Dichlorobenzene	7.82	146	255338	39.203	ng		99
13) 1,4-Dichlorobenzene	7.96	146	257731	40.104	ng		99
14) 1,2-Dichlorobenzene	8.28	146	244773	39.681	ng		100
15) Benzyl Alcohol	8.17	79	213827	40.882	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	317937	34.867	ng		99
17) 2-Methylphenol	8.38	107	223240	45.179	ng		95
18) Hexachloroethane	9.01	117	98379	39.341	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	189525	38.402	ng		97
20) 3+4-Methylphenols	8.70	107	303799	44.073	ng		99
22) Acetophenone	8.75	105	349842	36.068	ng	#	98
24) Nitrobenzene	9.12	77	267830	37.079	ng		99
25) Isophorone	9.65	82	517701	37.837	ng		99
26) 2-Nitrophenol	9.84	139	145829	42.672	ng		97
27) 2,4-Dimethylphenol	9.91	122	250623	48.719	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	331185	36.307	ng		99
29) 2,4-Dichlorophenol	10.38	162	256153	41.745	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	252248	36.663	ng		97
31) Naphthalene	10.78	128	763799	40.456	ng		98
32) Benzoic acid	10.05	122	107038	28.479	ng		98
33) 4-Chloroaniline	10.89	127	72909	8.096	ng		97
34) Hexachlorobutadiene	11.08	225	148608	35.377	ng		98
35) Caprolactam	11.66	113	92122m	40.328	ng		
36) 4-Chloro-3-methylphenol	12.02	107	278142	42.579	ng		97
37) 2-Methylnaphthalene	12.39	142	572582	40.283	ng		98
38) 1-Methylnaphthalene	12.61	142	550348	40.853	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	273474	36.106	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	320024	81.498	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	204170	39.175	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	218285	40.609	ng		99
46) 1,1'-Biphenyl	13.40	154	725038	39.132	ng		98
47) 2-Chloronaphthalene	13.44	162	571504	38.172	ng		98
48) 2-Nitroaniline	13.64	65	171214	35.551	ng		99
49) Acenaphthylene	14.29	152	899934	41.820	ng		97
50) Dimethylphthalate	14.03	163	878769	47.893	ng		99
51) 2,6-Dinitrotoluene	14.14	165	161823	39.019	ng		97
52) Acenaphthene	14.63	154	560136	37.117	ng		99
53) 3-Nitroaniline	14.47	138	65402	13.887	ng		97
54) 2,4-Dinitrophenol	14.67	184	156766	74.595	ng		98
55) Dibenzofuran	14.97	168	847729	40.806	ng		98
56) 4-Nitrophenol	14.78	139	281334	77.955	ng		95
57) 2,4-Dinitrotoluene	14.92	165	219741	38.940	ng		99
58) Fluorene	15.61	166	661288	40.161	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	183952	39.798	ng		97
60) Diethylphthalate	15.39	149	709460	38.658	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	343504	38.419	ng		98
62) 4-Nitroaniline	15.63	138	154947	33.317	ng		96
63) Azobenzene	15.90	77	671548	39.457	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	121505	46.205	ng		99
66) n-Nitrosodiphenylamine	15.82	169	612429	40.586	ng		97
67) 4-Bromophenyl-phenylether	16.50	248	215936	37.469	ng		99
68) Hexachlorobenzene	16.62	284	230320	37.090	ng		98
69) Atrazine	16.77	200	220452	44.945	ng		98
70) Pentachlorophenol	16.97	266	248205	72.508	ng		99
71) Phenanthrene	17.35	178	1020108	41.506	ng		97
72) Anthracene	17.44	178	1038548	42.757	ng		97
73) Carbazole	17.71	167	916344	40.841	ng		97
74) Di-n-butylphthalate	18.28	149	1150703	40.169	ng		96
75) Fluoranthene	19.36	202	1179558	41.965	ng		97
77) Benzidine	19.54	184	295206	27.388	ng		97
78) Pyrene	19.72	202	1170412	41.815	ng		96
80) Butylbenzylphthalate	20.61	149	532692	39.974	ng		97
81) Benzo(a)anthracene	21.54	228	1098925	41.329	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	166502	15.850	ng		100
83) Chrysene	21.60	228	1051910	41.634	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	756613	41.149	ng		97
85) Di-n-octyl phthalate	22.64	149	1307173	42.287	ng		97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1338944	38.996	ng	#	90
88) Benzo(b)fluoranthene	23.68	252	1135061	39.185	ng		97
89) Benzo(k)fluoranthene	23.75	252	1132911	41.128	ng		97
90) Benzo(a)pyrene	24.52	252	1064467	38.935	ng		97
91) Dibenzo(a,h)anthracene	28.26	278	1099402	40.041	ng		97
92) Benzo(g,h,i)perylene	29.28	276	1126348	41.298	ng		97

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

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