Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044083.D
Acq On : 17 Jan 2020 20:37
Operator : JU
Sample : PB126154BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126154BSD

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:15 AM

Quant Time: Jan 18 03:43:25 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	82146	20.00	ng		-0.03
21) Naphthalene-d8	10.74	136	351179	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	228488	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	481406	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	399256	20.00	ng		-0.03
87) Perylene-d12	24.67	264	459089	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	666807	149.04	ng		-0.03
7) Phenol-d6	7.11	99	896769	143.40	ng		-0.02
23) Nitrobenzene-d5	9.09	82	471004	71.75	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	322370	134.82	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1050794	83.32	ng		-0.03
79) Terphenyl-d14	19.93	244	1451676	88.66	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	96031	49.229	ng		98
3) Pyridine	3.79	79	198400	34.428	ng		94
4) n-Nitrosodimethylamine	3.70	42	102683	40.022	ng		94
6) Aniline	7.25	93	275894	33.588	ng		97
8) 2-Chlorophenol	7.50	128	259999	49.502	ng		98
9) Benzaldehyde	7.07	77	130473	32.598	ng		100
10) Phenol	7.14	94	324097	50.300	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	236834	42.582	ng		96
12) 1,3-Dichlorobenzene	7.82	146	256055	41.661	ng		100
13) 1,4-Dichlorobenzene	7.97	146	260351	42.931	ng		99
14) 1,2-Dichlorobenzene	8.29	146	245501	42.176	ng		99
15) Benzyl Alcohol	8.17	79	219435	44.460	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	321654	37.381	ng		99
17) 2-Methylphenol	8.38	107	230206	49.371	ng		99
18) Hexachloroethane	9.02	117	95159	40.327	ng		95
19) n-Nitroso-di-n-propylamine	8.74	70	190324	40.867	ng		95
20) 3+4-Methylphenols	8.71	107	315128	48.447	ng		99
22) Acetophenone	8.75	105	354163	40.566	ng	#	99
24) Nitrobenzene	9.13	77	266685	41.017	ng		97
25) Isophorone	9.66	82	517724	42.037	ng		99
26) 2-Nitrophenol	9.84	139	148233	48.189	ng		98
27) 2,4-Dimethylphenol	9.91	122	255446	55.167	ng		100
28) bis(2-Chloroethoxy)methane	10.14	93	333612	40.631	ng		98
29) 2,4-Dichlorophenol	10.38	162	262688	47.560	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	252760	40.814	ng		98
31) Naphthalene	10.78	128	761188	44.791	ng		99
32) Benzoic acid	10.06	122	127592	35.684	ng		92
33) 4-Chloroaniline	10.89	127	175681	21.674	ng		99
34) Hexachlorobutadiene	11.08	225	144883	38.317	ng		96
35) Caprolactam	11.66	113	92211m	44.847	ng		
36) 4-Chloro-3-methylphenol	12.02	107	276085	46.954	ng		99
37) 2-Methylnaphthalene	12.39	142	570621	44.600	ng		96
38) 1-Methylnaphthalene	12.61	142	540370	44.563	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267385	39.926	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	365015	105.132 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	206957	44.912 ng	96
44) 2,4,5-Trichlorophenol	13.08	196	216830	45.623 ng	97
46) 1,1'-Biphenyl	13.40	154	718842	43.879 ng	98
47) 2-Chloronaphthalene	13.45	162	560724	42.358 ng	97
48) 2-Nitroaniline	13.64	65	166339	39.063 ng	96
49) Acenaphthylene	14.29	152	882502	46.382 ng	97
50) Dimethylphthalate	14.02	163	699491	43.116 ng	99
51) 2,6-Dinitrotoluene	14.14	165	159855	43.594 ng	95
52) Acenaphthene	14.63	154	550975	41.292 ng	97
53) 3-Nitroaniline	14.47	138	117814	28.293 ng	94
54) 2,4-Dinitrophenol	14.67	184	183322	96.890 ng	97
55) Dibenzofuran	14.97	168	835598	45.491 ng	97
56) 4-Nitrophenol	14.79	139	291461	91.340 ng	95
57) 2,4-Dinitrotoluene	14.93	165	221164	44.326 ng	99
58) Fluorene	15.61	166	653858	44.911 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	183848	44.986 ng	98
60) Diethylphthalate	15.39	149	706854	43.561 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	337563	42.700 ng	98
62) 4-Nitroaniline	15.63	138	159675	38.830 ng	93
63) Azobenzene	15.90	77	649166	43.138 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	131822	52.676 ng	97
66) n-Nitrosodiphenylamine	15.83	169	611303	43.120 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	215389	39.781 ng	99
68) Hexachlorobenzene	16.62	284	232405	39.835 ng	99
69) Atrazine	16.77	200	224085	48.627 ng	98
70) Pentachlorophenol	16.97	266	259881	80.807 ng	99
71) Phenanthrene	17.35	178	1026199	44.442 ng	98
72) Anthracene	17.45	178	1061795	46.529 ng	97
73) Carbazole	17.71	167	942822	44.727 ng	96
74) Di-n-butylphthalate	18.28	149	1167801	43.391 ng	97
75) Fluoranthene	19.36	202	1169336	44.281 ng	96
77) Benzidine	19.54	184	499921	49.815 ng	98
78) Pyrene	19.73	202	1174184	45.055 ng	96
80) Butylbenzylphthalate	20.62	149	539214	43.459 ng	93
81) Benzo(a)anthracene	21.54	228	1106973	44.714 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	316312	32.340 ng	100
83) Chrysene	21.61	228	1057849	44.969 ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	761540	44.483 ng	98
85) Di-n-octyl phthalate	22.64	149	1338030	46.490 ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1350831	42.255 ng	100
88) Benzo(b)fluoranthene	23.69	252	1160857	42.773 ng	98
89) Benzo(k)fluoranthene	23.76	252	1131161	43.829 ng	99
90) Benzo(a)pyrene	24.53	252	1075411	41.983 ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1118286	43.470 ng	99
92) Benzo(g,h,i)perylene	29.30	276	1131224	44.269 ng	97

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

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