Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044320.D
Acq On : 6 Feb 2020 13:18
Operator : CG/JU
Sample : PB126601BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:48 AM

Quant Time: Feb 06 21:56:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	99945	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	440753	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	295831	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	629897	20.00	ng	0.00
76) Chrysene-d12	21.54	240	544111	20.00	ng	0.00
87) Perylene-d12	24.63	264	503586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	621266	109.70	ng	0.00
7) Phenol-d6	7.09	99	833163	109.56	ng	0.00
23) Nitrobenzene-d5	9.07	82	501976	64.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	341307	98.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1179235	66.75	ng	0.00
79) Terphenyl-d14	19.91	244	1707076	64.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	77237	30.356	ng	97
3) Pyridine	3.77	79	186234	27.473	ng	97
4) n-Nitrosodimethylamine	3.69	42	97401	34.385	ng	100
6) Aniline	7.24	93	260569	27.604	ng	99
8) 2-Chlorophenol	7.48	128	269626	43.321	ng	98
9) Benzaldehyde	7.04	77	74896	17.292	ng	96
10) Phenol	7.12	94	330185	43.872	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	243892	37.905	ng	100
12) 1,3-Dichlorobenzene	7.81	146	265964	35.790	ng	98
13) 1,4-Dichlorobenzene	7.95	146	266204	36.169	ng	99
14) 1,2-Dichlorobenzene	8.27	146	260274	37.413	ng	98
15) Benzyl Alcohol	8.15	79	222836	41.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	317712	36.482	ng	99
17) 2-Methylphenol	8.36	107	234561	43.682	ng	98
18) Hexachloroethane	9.00	117	98474	35.655	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	190924	37.671	ng	98
20) 3+4-Methylphenols	8.69	107	321715	43.473	ng	99
22) Acetophenone	8.73	105	360836	33.653	ng	98
24) Nitrobenzene	9.11	77	267476	35.095	ng	99
25) Isophorone	9.64	82	531090	36.498	ng	99
26) 2-Nitrophenol	9.82	139	155148	39.231	ng	97
27) 2,4-Dimethylphenol	9.89	122	262127	46.955	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	341832	35.215	ng	99
29) 2,4-Dichlorophenol	10.37	162	276399	40.947	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	269462	34.814	ng	99
31) Naphthalene	10.77	128	780471	36.498	ng	100
32) Benzoic acid	10.05	122	163052	45.422	ng	94
33) 4-Chloroaniline	10.87	127	210317	21.625	ng	98
34) Hexachlorobutadiene	11.06	225	157766	33.125	ng	99
35) Caprolactam	11.64	113	101930m	41.222	ng	
36) 4-Chloro-3-methylphenol	12.01	107	286213	40.441	ng	96
37) 2-Methylnaphthalene	12.37	142	593982	37.411	ng	99
38) 1-Methylnaphthalene	12.59	142	565890	37.805	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	293574	33.175	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	277923	65.453	ng		98
43) 2,4,6-Trichlorophenol	12.98	196	223423	39.060	ng		99
44) 2,4,5-Trichlorophenol	13.06	196	239147	40.933	ng		99
46) 1,1'-Biphenyl	13.39	154	757949	35.520	ng		99
47) 2-Chloronaphthalene	13.42	162	589637	34.725	ng		100
48) 2-Nitroaniline	13.62	65	175458	35.013	ng		98
49) Acenaphthylene	14.27	152	933319	37.475	ng		100
50) Dimethylphthalate	14.01	163	762153	35.840	ng		100
51) 2,6-Dinitrotoluene	14.12	165	175879	37.094	ng		98
52) Acenaphthene	14.61	154	582991	36.114	ng		98
53) 3-Nitroaniline	14.45	138	133736	25.495	ng		97
54) 2,4-Dinitrophenol	14.66	184	209394	75.052	ng		94
55) Dibenzofuran	14.95	168	894198	36.586	ng		99
56) 4-Nitrophenol	14.77	139	315700	82.161	ng		98
57) 2,4-Dinitrotoluene	14.91	165	243038	36.572	ng		99
58) Fluorene	15.60	166	708782	36.819	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	209195	39.641	ng		97
60) Diethylphthalate	15.37	149	762691	35.994	ng		100
61) 4-Chlorophenyl-phenylether	15.59	204	375736	35.997	ng		97
62) 4-Nitroaniline	15.61	138	166136	31.695	ng		99
63) Azobenzene	15.88	77	670886	36.126	ng		100
65) 4,6-Dinitro-2-methylphenol	15.68	198	150604	43.314	ng		97
66) n-Nitrosodiphenylamine	15.81	169	660384	37.410	ng		100
67) 4-Bromophenyl-phenylether	16.49	248	245928	35.836	ng		97
68) Hexachlorobenzene	16.61	284	268339	34.902	ng		98
69) Atrazine	16.76	200	242167	40.025	ng		99
70) Pentachlorophenol	16.95	266	309351	79.584	ng		96
71) Phenanthrene	17.34	178	1120170	36.725	ng		99
72) Anthracene	17.43	178	1134825	37.632	ng		99
73) Carbazole	17.69	167	1025726	36.896	ng		100
74) Di-n-butylphthalate	18.26	149	1254859	36.527	ng		99
75) Fluoranthene	19.34	202	1284069	36.391	ng		99
77) Benzidine	19.53	184	246712	16.347	ng		97
78) Pyrene	19.71	202	1289107	36.892	ng		99
80) Butylbenzylphthalate	20.60	149	579735	36.407	ng		97
81) Benzo(a)anthracene	21.52	228	1236779	36.881	ng		99
82) 3,3'-Dichlorobenzidine	21.44	252	384412	29.536	ng		99
83) Chrysene	21.59	228	1187261	36.628	ng		100
84) Bis(2-ethylhexyl)phthalate	21.44	149	815115	37.189	ng		99
85) Di-n-octyl phthalate	22.61	149	1417141	37.369	ng		99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1500109	35.473	ng	#	92
88) Benzo(b)fluoranthene	23.66	252	1285366	44.295	ng		99
89) Benzo(k)fluoranthene	23.72	252	1300032	45.966	ng		99
90) Benzo(a)pyrene	24.49	252	1195046	43.557	ng		99
91) Dibenzo(a,h)anthracene	28.20	278	1250579	46.057	ng		98
92) Benzo(g,h,i)perylene	29.23	276	1271698	46.784	ng		98

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

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