Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024681.D
Acq On : 31 Jan 2020 18:35
Operator : CG/JU
Sample : PB126499BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Manual Integrations APPROVED
mohammad
2/3/2020 4:11:12 PM

Quant Time: Feb 01 02:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	198869	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	728619	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	502520	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1167687	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1242395	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1418444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	539165	51.56	ng	-0.01
7) Phenol-d6	6.62	99	402175	27.92	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1271225	85.56	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	893011	109.25	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3588212	97.07	ng	-0.02
79) Terphenyl-d14	19.49	244	7247426	108.90	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	82208	19.874	ng	93
3) Pyridine	3.44	79	170551	14.223	ng	92
4) n-Nitrosodimethylamine	3.35	42	94565	17.766	ng	83
6) Aniline	6.76	93	342359	19.523	ng	96
8) 2-Chlorophenol	7.00	128	568850	47.786	ng	91
9) Benzaldehyde	6.57	77	320961	37.708	ng	95
10) Phenol	6.65	94	222800	15.516	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	528426	45.968	ng	93
12) 1,3-Dichlorobenzene	7.32	146	669108	45.753	ng	96
13) 1,4-Dichlorobenzene	7.46	146	678795	45.753	ng	98
14) 1,2-Dichlorobenzene	7.77	146	655438	45.768	ng	98
15) Benzyl Alcohol	7.67	79	347039	29.219	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.96	45	384748	36.560	ng	97
17) 2-Methylphenol	7.88	107	377537	37.309	ng	95
18) Hexachloroethane	8.49	117	230441	40.223	ng	88
19) n-Nitroso-di-n-propylamine	8.23	70	418963	38.736	ng	95
20) 3+4-Methylphenols	8.20	107	448873	32.045	ng	97
22) Acetophenone	8.24	105	875704	46.610	ng	96
24) Nitrobenzene	8.60	77	641737	45.074	ng	94
25) Isophorone	9.13	82	1151498	45.614	ng	97
26) 2-Nitrophenol	9.31	139	363478	55.134	ng	90
27) 2,4-Dimethylphenol	9.39	122	524098	58.501	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	711925	46.165	ng	99
29) 2,4-Dichlorophenol	9.85	162	673587	55.652	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	724796	49.652	ng	99
31) Naphthalene	10.23	128	1824167	49.569	ng	100
32) Benzoic acid	9.50	122	122088m	14.898	ng	
33) 4-Chloroaniline	10.35	127	294956	18.285	ng	95
34) Hexachlorobutadiene	10.53	225	474237	46.996	ng	99
35) Caprolactam	11.14	113	30243m	7.788	ng	
36) 4-Chloro-3-methylphenol	11.49	107	597032	46.389	ng	92
37) 2-Methylnaphthalene	11.86	142	1422667	50.094	ng	98
38) 1-Methylnaphthalene	12.08	142	1354193	50.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	885286	49.361	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1029804	102.439	ng		98
43) 2,4,6-Trichlorophenol	12.49	196	620640	54.380	ng		98
44) 2,4,5-Trichlorophenol	12.56	196	660462	56.664	ng		95
46) 1,1'-Biphenyl	12.90	154	1895503	49.843	ng		99
47) 2-Chloronaphthalene	12.93	162	1518854	49.472	ng		97
48) 2-Nitroaniline	13.15	65	373882	39.929	ng		86
49) Acenaphthylene	13.79	152	2413882	52.521	ng		100
50) Dimethylphthalate	13.55	163	2025398	49.844	ng		99
51) 2,6-Dinitrotoluene	13.66	165	452633	52.392	ng		86
52) Acenaphthene	14.14	154	1436197	50.358	ng		99
53) 3-Nitroaniline	13.99	138	191772	21.402	ng		91
54) 2,4-Dinitrophenol	14.20	184	608068	117.700	ng	#	87
55) Dibenzofuran	14.48	168	2419095	52.010	ng		96
56) 4-Nitrophenol	14.32	139	313990	44.828	ng		85
57) 2,4-Dinitrotoluene	14.46	165	641640	51.822	ng	#	86
58) Fluorene	15.13	166	1958403	50.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	652075	55.166	ng		94
60) Diethylphthalate	14.94	149	1983337	48.077	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	1112570	49.371	ng		99
62) 4-Nitroaniline	15.16	138	419748	42.439	ng		90
63) Azobenzene	15.43	77	1509068	42.885	ng		94
65) 4,6-Dinitro-2-methylphenol	15.23	198	431304	62.820	ng		85
66) n-Nitrosodiphenylamine	15.36	169	1771134	52.804	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	747053	51.446	ng		98
68) Hexachlorobenzene	16.14	284	875793	52.557	ng		97
69) Atrazine	16.33	200	733473	56.969	ng		99
70) Pentachlorophenol	16.49	266	1155021	113.793	ng		99
71) Phenanthrene	16.87	178	3273691	51.773	ng		99
72) Anthracene	16.96	178	3346412	54.087	ng		100
73) Carbazole	17.24	167	2996832	53.207	ng		99
74) Di-n-butylphthalate	17.83	149	3496774	48.563	ng		99
75) Fluoranthene	18.90	202	4226849	53.558	ng		99
77) Benzidine	19.10	184	1349236	46.632	ng		99
78) Pyrene	19.26	202	4319670	52.741	ng		100
80) Butylbenzylphthalate	20.20	149	1646296	47.902	ng		93
81) Benzo(a)anthracene	21.03	228	4412181	51.168	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	1334017	43.007	ng		100
83) Chrysene	21.08	228	4280093	52.018	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2410111	47.527	ng		98
85) Di-n-octyl phthalate	21.85	149	4165675	49.722	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5301163	59.112	ng		99
88) Benzo(b)fluoranthene	22.53	252	4808119	52.264	ng		99
89) Benzo(k)fluoranthene	22.57	252	4422152	49.246	ng		99
90) Benzo(a)pyrene	23.06	252	4186691	50.055	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	4517610	56.906	ng		98
92) Benzo(g,h,i)perylene	25.85	276	4468293	61.987	ng		98

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

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