Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024643.D
Acq On : 29 Jan 2020 10:53
Operator : CG/JU
Sample : PB126393BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:43 AM

Quant Time: Jan 30 03:13:10 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	7.45	152	283332	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1051596	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	720254	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1525129	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1135956	20.00	ng	0.00
87) Perylene-d12	23.16	264	1041591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1395463	93.67	ng	0.00
7) Phenol-d6	6.65	99	1710602	83.35	ng	0.00
23) Nitrobenzene-d5	8.59	82	1522926	71.02	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1011430	86.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4318208	81.51	ng	0.00
79) Terphenyl-d14	19.50	244	6196149	101.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	245758	41.701	ng	91
3) Pyridine	3.45	79	606651	35.509	ng	96
4) n-Nitrosodimethylamine	3.37	42	278528	36.729	ng	84
6) Aniline	6.79	93	963435	38.561	ng	96
8) 2-Chlorophenol	7.02	128	852737	50.279	ng	92
9) Benzaldehyde	6.59	77	371194	30.609	ng	90
10) Phenol	6.68	94	940309	45.962	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	710573	43.386	ng	95
12) 1,3-Dichlorobenzene	7.33	146	957651	45.963	ng	97
13) 1,4-Dichlorobenzene	7.48	146	971033	45.939	ng	97
14) 1,2-Dichlorobenzene	7.79	146	929369	45.550	ng	97
15) Benzyl Alcohol	7.69	79	691042	40.838	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	511319	34.103	ng	99
17) 2-Methylphenol	7.90	107	667504	46.300	ng	94
18) Hexachloroethane	8.50	117	345859	42.373	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	548253	35.579	ng	94
20) 3+4-Methylphenols	8.23	107	888465	44.520	ng	97
22) Acetophenone	8.26	105	1127186	41.569	ng	97
24) Nitrobenzene	8.63	77	857896	41.749	ng	93
25) Isophorone	9.16	82	1498909	41.140	ng	97
26) 2-Nitrophenol	9.33	139	481344	50.588	ng	90
27) 2,4-Dimethylphenol	9.41	122	749284	57.949	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	942775	42.358	ng	99
29) 2,4-Dichlorophenol	9.86	162	926165	53.018	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	1041222	49.421	ng	98
31) Naphthalene	10.25	128	2478746	46.669	ng	99
32) Benzoic acid	9.59	122	523011m	44.219	ng	
33) 4-Chloroaniline	10.37	127	455291	19.556	ng	97
34) Hexachlorobutadiene	10.56	225	690315	47.398	ng	99
35) Caprolactam	11.16	113	234569m	41.854	ng	
36) 4-Chloro-3-methylphenol	11.51	107	816695	43.967	ng	92
37) 2-Methylnaphthalene	11.87	142	1923997	46.940	ng	98
38) 1-Methylnaphthalene	12.10	142	1819965	46.678	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1199841	46.676	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1849254	128.344	ng		99
43) 2,4,6-Trichlorophenol	12.51	196	813986	49.760	ng		99
44) 2,4,5-Trichlorophenol	12.58	196	855160	51.189	ng		96
46) 1,1'-Biphenyl	12.92	154	2525157	46.327	ng		99
47) 2-Chloronaphthalene	12.95	162	2024703	46.012	ng		96
48) 2-Nitroaniline	13.16	65	470204	35.035	ng	#	86
49) Acenaphthylene	13.81	152	3131236	47.534	ng		99
50) Dimethylphthalate	13.57	163	2556909	43.902	ng		99
51) 2,6-Dinitrotoluene	13.67	165	574718	46.413	ng	#	85
52) Acenaphthene	14.16	154	1856127	45.408	ng		99
53) 3-Nitroaniline	14.00	138	357751	27.856	ng		92
54) 2,4-Dinitrophenol	14.21	184	641312	86.609	ng	#	89
55) Dibenzofuran	14.50	168	3096811	46.454	ng		96
56) 4-Nitrophenol	14.33	139	877402	87.398	ng		87
57) 2,4-Dinitrotoluene	14.47	165	769542	43.363	ng		87
58) Fluorene	15.15	166	2470789	44.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	792921	46.803	ng		95
60) Diethylphthalate	14.95	149	2442322	41.305	ng		98
61) 4-Chlorophenyl-phenylether	15.16	204	1423949	44.086	ng		97
62) 4-Nitroaniline	15.17	138	488587	34.465	ng		92
63) Azobenzene	15.45	77	1929358	38.254	ng		95
65) 4,6-Dinitro-2-methylphenol	15.24	198	451834	50.386	ng		86
66) n-Nitrosodiphenylamine	15.37	169	2178313	49.723	ng		100
67) 4-Bromophenyl-phenylether	16.05	248	931423	49.110	ng		94
68) Hexachlorobenzene	16.16	284	1071301	49.222	ng		99
69) Atrazine	16.34	200	828131	49.246	ng		99
70) Pentachlorophenol	16.50	266	1286619	97.050	ng		100
71) Phenanthrene	16.89	178	3815099	46.194	ng		99
72) Anthracene	16.97	178	3900343	48.265	ng		100
73) Carbazole	17.25	167	3204135	43.555	ng		98
74) Di-n-butylphthalate	17.84	149	3857401	41.016	ng		99
75) Fluoranthene	18.91	202	4277567	41.498	ng		99
77) Benzidine	19.10	184	2367829	89.504	ng		99
78) Pyrene	19.27	202	4274646	57.082	ng		100
80) Butylbenzylphthalate	20.21	149	1417934	45.124	ng		93
81) Benzo(a)anthracene	21.03	228	3638264	46.146	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	974555	34.362	ng		100
83) Chrysene	21.09	228	3466274	46.075	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1953881	42.141	ng	#	96
85) Di-n-octyl phthalate	21.86	149	2897219	37.822	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3536803	43.133	ng		99
88) Benzo(b)fluoranthene	22.54	252	3128218	46.306	ng		99
89) Benzo(k)fluoranthene	22.58	252	3184638	48.296	ng		99
90) Benzo(a)pyrene	23.07	252	2806099	45.687	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	2987931	51.255	ng		99
92) Benzo(g,h,i)perylene	25.85	276	2979479	56.287	ng		98

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

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