Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118460.D
Acq On : 3 Jan 2020 14:38
Operator : JU
Sample : PB125813BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125813BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:44:05 AM

Quant Time: Jan 04 00:32:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97116	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	390767	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	219584	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	414574	20.00	ng		0.00
76) Chrysene-d12	14.05	240	278377	20.00	ng		0.00
87) Perylene-d12	15.53	264	154145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	599187	105.32	ng		0.02
7) Phenol-d6	6.49	99	762935	108.10	ng		0.00
23) Nitrobenzene-d5	7.42	82	496144	72.62	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	251762	92.84	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1052123	73.14	ng		0.00
79) Terphenyl-d14	12.98	244	1283175	76.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	56823	25.124	ng	#	88
3) Pyridine	3.45	79	136087	22.584	ng		97
4) n-Nitrosodimethylamine	3.40	42	92888	37.284	ng	#	73
6) Aniline	6.51	93	217791	24.302	ng	#	54
8) 2-Chlorophenol	6.64	128	265860	41.260	ng		98
9) Benzaldehyde	6.40	77	38023	9.189	ng		93
10) Phenol	6.50	94	304881	38.434	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	219163	38.632	ng		98
12) 1,3-Dichlorobenzene	6.79	146	287776	38.779	ng		98
13) 1,4-Dichlorobenzene	6.86	146	291641	38.691	ng		98
14) 1,2-Dichlorobenzene	7.02	146	277643	39.014	ng		99
15) Benzyl Alcohol	7.00	79	223314	41.557	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	236439	39.057	ng		72
17) 2-Methylphenol	7.11	107	217083	42.004	ng	#	93
18) Hexachloroethane	7.36	117	105169	38.016	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	176131	40.510	ng		93
20) 3+4-Methylphenols	7.26	107	274671	41.526	ng		97
22) Acetophenone	7.26	105	366712	38.290	ng	#	93
24) Nitrobenzene	7.43	77	259050	37.851	ng		96
25) Isophorone	7.67	82	460137	38.644	ng		99
26) 2-Nitrophenol	7.75	139	140773	38.833	ng		92
27) 2,4-Dimethylphenol	7.79	122	216439	43.760	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	270046	34.678	ng		99
29) 2,4-Dichlorophenol	8.00	162	214212	37.628	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	240260	36.230	ng		97
31) Naphthalene	8.16	128	749740	37.749	ng		99
32) Benzoic acid	7.95	122	121648	31.358	ng		96
33) 4-Chloroaniline	8.21	127	154389	18.133	ng		97
34) Hexachlorobutadiene	8.27	225	141352	35.808	ng		99
35) Caprolactam	8.59	113	65156m	36.660	ng		
36) 4-Chloro-3-methylphenol	8.70	107	227629	37.243	ng		97
37) 2-Methylnaphthalene	8.85	142	531696	39.100	ng		99
38) 1-Methylnaphthalene	8.95	142	490517	38.287	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	222729	33.759	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	91373	38.212	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	148889	33.780	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	158893	35.044	ng		95
46) 1,1'-Biphenyl	9.32	154	614437	35.378	ng		98
47) 2-Chloronaphthalene	9.35	162	477158	34.136	ng		97
48) 2-Nitroaniline	9.45	65	128083	32.441	ng		94
49) Acenaphthylene	9.76	152	767925	37.042	ng		99
50) Dimethylphthalate	9.62	163	554150	33.620	ng		99
51) 2,6-Dinitrotoluene	9.69	165	123155	34.657	ng		91
52) Acenaphthene	9.93	154	472098	37.386	ng		99
53) 3-Nitroaniline	9.86	138	95143	22.812	ng		96
54) 2,4-Dinitrophenol	9.98	184	108794	61.969	ng		96
55) Dibenzofuran	10.10	168	718742	38.521	ng		95
56) 4-Nitrophenol	10.04	139	154331	59.939	ng		97
57) 2,4-Dinitrotoluene	10.10	165	179689	37.843	ng	#	77
58) Fluorene	10.45	166	591291	39.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	143179	37.165	ng		99
60) Diethylphthalate	10.32	149	631225	38.710	ng		97
61) 4-Chlorophenyl-phenylether	10.44	204	288163	38.325	ng		95
62) 4-Nitroaniline	10.48	138	123907	28.597	ng		97
63) Azobenzene	10.60	77	523380	37.472	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	91576	40.947	ng		92
66) n-Nitrosodiphenylamine	10.56	169	512960	38.606	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	163963	33.795	ng		90
68) Hexachlorobenzene	11.00	284	196245	34.363	ng		97
69) Atrazine	11.09	200	153785	37.501	ng		97
70) Pentachlorophenol	11.20	266	145955	59.013	ng		99
71) Phenanthrene	11.42	178	835527	36.969	ng		99
72) Anthracene	11.47	178	854570	37.777	ng		98
73) Carbazole	11.63	167	715534	35.647	ng		98
74) Di-n-butylphthalate	11.95	149	1013992	39.840	ng		99
75) Fluoranthene	12.62	202	852562	37.379	ng		99
77) Benzidine	12.73	184	135267	17.734	ng		98
78) Pyrene	12.85	202	828801	36.459	ng		100
80) Butylbenzylphthalate	13.45	149	363963	35.559	ng		96
81) Benzo(a)anthracene	14.04	228	708210	36.345	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	188557	28.540	ng		99
83) Chrysene	14.07	228	674556	36.154	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	566763	42.110	ng		99
85) Di-n-octyl phthalate	14.62	149	857312	43.304	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	515065	32.399	ng		99
88) Benzo(b)fluoranthene	15.10	252	616161	60.218	ng		99
89) Benzo(k)fluoranthene	15.13	252	544917	55.464	ng		98
90) Benzo(a)pyrene	15.47	252	436024	48.374	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	442871	56.619	ng		99
92) Benzo(g,h,i)perylene	17.50	276	395014	52.279	ng		99

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

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