Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118801.D
Acq On : 4 Feb 2020 14:59
Operator : CG/JU
Sample : PB126569BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126569BS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:00 PM

Quant Time: Feb 04 16:23:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	282266	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1087983	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	640793	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1213786	20.00	ng		0.00
76) Chrysene-d12	13.97	240	825012	20.00	ng		-0.01
87) Perylene-d12	15.41	264	685097	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1724790	115.67	ng		0.01
7) Phenol-d6	6.45	99	2143171	115.78	ng		0.00
23) Nitrobenzene-d5	7.37	82	1257600	68.90	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	846003	110.34	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2620771	73.11	ng		0.00
79) Terphenyl-d14	12.92	244	3093420	77.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	255008	37.525	ng		99
3) Pyridine	3.38	79	610553	32.355	ng		99
4) n-Nitrosodimethylamine	3.31	42	279990	40.754	ng		97
6) Aniline	6.47	93	754353	31.642	ng		98
8) 2-Chlorophenol	6.60	128	725675	43.692	ng		98
9) Benzaldehyde	6.36	77	362300	31.575	ng		98
10) Phenol	6.46	94	862901	41.925	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	687150	43.638	ng		99
12) 1,3-Dichlorobenzene	6.76	146	795254	40.226	ng		98
13) 1,4-Dichlorobenzene	6.83	146	803176	40.729	ng		98
14) 1,2-Dichlorobenzene	6.99	146	755781	40.120	ng		99
15) Benzyl Alcohol	6.96	79	624232	43.628	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	771995	40.034	ng		99
17) 2-Methylphenol	7.07	107	602060	43.600	ng		99
18) Hexachloroethane	7.33	117	283485	40.053	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	476623	42.083	ng		99
20) 3+4-Methylphenols	7.22	107	716641	41.404	ng		95
22) Acetophenone	7.22	105	934463	39.532	ng	#	97
24) Nitrobenzene	7.39	77	748528	41.049	ng		99
25) Isophorone	7.64	82	1374734	41.906	ng		98
26) 2-Nitrophenol	7.71	139	410102	42.206	ng		99
27) 2,4-Dimethylphenol	7.75	122	641994	48.639	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	841566	39.562	ng		99
29) 2,4-Dichlorophenol	7.95	162	659488	41.721	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	731048	39.567	ng		100
31) Naphthalene	8.12	128	2079216	41.785	ng		100
32) Benzoic acid	7.88	122	452880	41.441	ng		96
33) 4-Chloroaniline	8.16	127	543601	24.418	ng		98
34) Hexachlorobutadiene	8.24	225	427368	37.755	ng		99
35) Caprolactam	8.53	113	209156m	40.817	ng		
36) 4-Chloro-3-methylphenol	8.65	107	674086	42.375	ng		97
37) 2-Methylnaphthalene	8.81	142	1473408	42.694	ng		98
38) 1-Methylnaphthalene	8.91	142	1382736	42.592	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	718896	37.172	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	687748	90.692	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	512701	39.644	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	533297	40.358	ng	98
46) 1,1'-Biphenyl	9.27	154	1772526	39.988	ng	100
47) 2-Chloronaphthalene	9.30	162	1412430	38.329	ng	100
48) 2-Nitroaniline	9.39	65	396501	37.306	ng	97
49) Acenaphthylene	9.72	152	2239269	42.086	ng	100
50) Dimethylphthalate	9.57	163	1713055	39.261	ng	99
51) 2,6-Dinitrotoluene	9.63	165	404656	40.533	ng	100
52) Acenaphthene	9.89	154	1549324	44.189	ng	99
53) 3-Nitroaniline	9.80	138	290744	26.260	ng	91
54) 2,4-Dinitrophenol	9.91	184	401299	83.614	ng	93
55) Dibenzofuran	10.06	168	2050197	40.462	ng	100
56) 4-Nitrophenol	9.97	139	666852	83.219	ng	94
57) 2,4-Dinitrotoluene	10.04	165	548085	41.484	ng	93
58) Fluorene	10.40	166	1544358	40.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	480611	41.647	ng	99
60) Diethylphthalate	10.27	149	1700062	40.070	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	814856	39.417	ng	98
62) 4-Nitroaniline	10.42	138	392575	35.407	ng	98
63) Azobenzene	10.55	77	1516645	41.871	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	299788	43.954	ng	99
66) n-Nitrosodiphenylamine	10.51	169	1458712	41.489	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	568336	39.582	ng	96
68) Hexachlorobenzene	10.95	284	638533	38.771	ng	97
69) Atrazine	11.03	200	524743	44.799	ng	98
70) Pentachlorophenol	11.14	266	673852	77.490	ng	98
71) Phenanthrene	11.36	178	2370829	39.699	ng	99
72) Anthracene	11.41	178	2397290	40.351	ng	100
73) Carbazole	11.56	167	2113752	40.540	ng	100
74) Di-n-butylphthalate	11.90	149	2515390	37.871	ng	100
75) Fluoranthene	12.54	202	2477524	37.997	ng	99
77) Benzidine	12.66	184	708915	28.410	ng	99
78) Pyrene	12.77	202	2513158	44.404	ng	100
80) Butylbenzylphthalate	13.39	149	1037739	40.171	ng	99
81) Benzo(a)anthracene	13.96	228	1994618	40.629	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	653068	32.525	ng	99
83) Chrysene	14.00	228	2000842	40.608	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1275658	38.922	ng	100
85) Di-n-octyl phthalate	14.56	149	2006194	35.731	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	1835226	37.071	ng	100
88) Benzo(b)fluoranthene	14.99	252	1955311	45.995	ng	100
89) Benzo(k)fluoranthene	15.02	252	1657263	44.768	ng	99
90) Benzo(a)pyrene	15.35	252	1602586	44.049	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	1539386	47.663	ng	100
92) Benzo(g,h,i)perylene	17.27	276	1580465	50.883	ng	98

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

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