Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119018.D
Acq On : 24 Feb 2020 12:26
Operator : CG/JU
Sample : L1362-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-021820MSD

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:09 PM

Quant Time: Feb 25 00:40:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	205279	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	774649	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	421083	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	762144	20.00	ng		0.00
76) Chrysene-d12	13.92	240	501583	20.00	ng		0.00
87) Perylene-d12	15.34	264	452764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1459888	118.85	ng		0.03
7) Phenol-d6	6.41	99	1666504	111.55	ng		0.00
23) Nitrobenzene-d5	7.33	82	1307471	89.12	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	705908	128.15	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2487265	87.02	ng		0.00
79) Terphenyl-d14	12.86	244	2753121	94.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	213051	38.956	ng	#	88
3) Pyridine	3.38	79	347413	23.260	ng		99
4) n-Nitrosodimethylamine	3.30	42	212916	47.058	ng		96
6) Aniline	6.42	93	273368	14.830	ng	#	1
8) 2-Chlorophenol	6.55	128	665129	50.175	ng		98
9) Benzaldehyde	6.30	77	246940	24.741	ng		98
10) Phenol	6.42	94	658239	40.753	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	631196	51.074	ng		99
12) 1,3-Dichlorobenzene	6.70	146	670957	42.229	ng		99
13) 1,4-Dichlorobenzene	6.77	146	681754	42.879	ng		98
14) 1,2-Dichlorobenzene	6.93	146	623284	42.984	ng		99
15) Benzyl Alcohol	6.91	79	550294	50.968	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	495887	46.321	ng	#	47
17) 2-Methylphenol	7.03	107	518500	48.243	ng	#	91
18) Hexachloroethane	7.27	117	242274	42.592	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	434778	49.946	ng		98
20) 3+4-Methylphenols	7.18	107	613256	46.574	ng	#	77
22) Acetophenone	7.17	105	878698	49.025	ng		95
24) Nitrobenzene	7.35	77	674670	46.502	ng		100
25) Isophorone	7.59	82	1239743	48.656	ng		99
26) 2-Nitrophenol	7.66	139	373844	48.631	ng		94
27) 2,4-Dimethylphenol	7.70	122	556882	53.377	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	752414	45.368	ng		99
29) 2,4-Dichlorophenol	7.90	162	581217	47.322	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	642797	44.141	ng		99
31) Naphthalene	8.06	128	1845907	45.947	ng		99
32) Benzoic acid	7.86	122	325553	43.493	ng		98
33) 4-Chloroaniline	8.11	127	196439	11.368	ng		99
34) Hexachlorobutadiene	8.18	225	383798	42.311	ng		98
35) Caprolactam	8.50	113	135031m	35.705	ng		
36) 4-Chloro-3-methylphenol	8.61	107	593480	47.745	ng		98
37) 2-Methylnaphthalene	8.76	142	1289821	47.707	ng		99
38) 1-Methylnaphthalene	8.85	142	1210290	47.600	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	640227	45.095	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	435740	83.812	ng		95
43) 2,4,6-Trichlorophenol	9.04	196	418801	46.713	ng		100
44) 2,4,5-Trichlorophenol	9.09	196	435943	46.338	ng		95
46) 1,1'-Biphenyl	9.22	154	1545683	45.418	ng		98
47) 2-Chloronaphthalene	9.25	162	1234645	45.019	ng		99
48) 2-Nitroaniline	9.34	65	345851	45.214	ng		97
49) Acenaphthylene	9.66	152	1865152	47.089	ng		100
50) Dimethylphthalate	9.53	163	1533237	47.617	ng		100
51) 2,6-Dinitrotoluene	9.59	165	337466	47.173	ng		100
52) Acenaphthene	9.83	154	1097117	45.935	ng		99
53) 3-Nitroaniline	9.75	138	148017	18.664	ng		99
54) 2,4-Dinitrophenol	9.87	184	338082	95.626	ng		97
55) Dibenzofuran	10.00	168	1621900	45.496	ng		98
56) 4-Nitrophenol	9.94	139	394797	82.854	ng		98
57) 2,4-Dinitrotoluene	10.00	165	419173	45.206	ng	#	88
58) Fluorene	10.35	166	1276712	46.089	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	374715	47.203	ng		98
60) Diethylphthalate	10.22	149	1393596	45.926	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	658096	44.882	ng		97
62) 4-Nitroaniline	10.37	138	319786	39.411	ng		98
63) Azobenzene	10.49	77	1236034	46.863	ng		99
65) 4,6-Dinitro-2-methylphenol	10.41	198	249346	54.067	ng		95
66) n-Nitrosodiphenylamine	10.46	169	1166497	46.743	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	450435	45.214	ng		98
68) Hexachlorobenzene	10.90	284	513294	44.689	ng		97
69) Atrazine	10.99	200	405801	46.541	ng		99
70) Pentachlorophenol	11.09	266	473897	102.424	ng		99
71) Phenanthrene	11.30	178	1875394	45.121	ng		98
72) Anthracene	11.36	178	1941693	46.755	ng		99
73) Carbazole	11.51	167	1691277	45.714	ng		100
74) Di-n-butylphthalate	11.84	149	2022821	45.148	ng		99
75) Fluoranthene	12.49	202	1956624	44.349	ng		99
77) Benzidine	12.60	184	217467	10.661	ng		99
78) Pyrene	12.72	202	1942364	48.226	ng		99
80) Butylbenzylphthalate	13.33	149	826638	48.766	ng		95
81) Benzo(a)anthracene	13.90	228	1622841	47.485	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	332886	25.084	ng		99
83) Chrysene	13.94	228	1575503	46.265	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1060959	49.542	ng		100
85) Di-n-octyl phthalate	14.50	149	1667603	48.873	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1463258	44.377	ng		98
88) Benzo(b)fluoranthene	14.94	252	1539329	51.580	ng		99
89) Benzo(k)fluoranthene	14.97	252	1316167	47.589	ng		99
90) Benzo(a)pyrene	15.29	252	1264659	46.953	ng		99
91) Dibenzo(a,h)anthracene	16.77	278	1220699	51.507	ng		98
92) Benzo(g,h,i)perylene	17.19	276	1249635	53.366	ng		98

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

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