Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119017.D
Acq On : 24 Feb 2020 11:57
Operator : CG/JU
Sample : L1362-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-021820MS

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:06 PM

Quant Time: Feb 25 00:38:17 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	182344	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	696122	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	381997	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	694990	20.00	ng		0.00
76) Chrysene-d12	13.92	240	463376	20.00	ng		0.00
87) Perylene-d12	15.34	264	426429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1294897	118.68	ng		0.02
7) Phenol-d6	6.41	99	1483813	111.82	ng		0.00
23) Nitrobenzene-d5	7.32	82	1157664	87.81	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	626953	125.46	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2287653	88.22	ng		0.00
79) Terphenyl-d14	12.86	244	2531253	94.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	189267	38.960	ng	#	88
3) Pyridine	3.36	79	334303	25.198	ng		99
4) n-Nitrosodimethylamine	3.28	42	189859	47.240	ng		94
6) Aniline	6.42	93	288490	17.619	ng	#	1
8) 2-Chlorophenol	6.55	128	596391	50.648	ng		100
9) Benzaldehyde	6.30	77	219536	24.762	ng		98
10) Phenol	6.42	94	584609	40.747	ng		94
11) bis(2-Chloroethyl)ether	6.50	93	550725	50.168	ng		99
12) 1,3-Dichlorobenzene	6.70	146	597455	42.333	ng		98
13) 1,4-Dichlorobenzene	6.77	146	602865	42.687	ng		99
14) 1,2-Dichlorobenzene	6.93	146	552300	42.880	ng		99
15) Benzyl Alcohol	6.90	79	490664	51.161	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	437252	45.981	ng		60
17) 2-Methylphenol	7.03	107	457563	47.928	ng	#	92
18) Hexachloroethane	7.27	117	214646	42.481	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	388164	50.200	ng		99
20) 3+4-Methylphenols	7.18	107	556997	47.622	ng	#	71
22) Acetophenone	7.17	105	783391	48.638	ng		96
24) Nitrobenzene	7.34	77	603129	46.260	ng		97
25) Isophorone	7.59	82	1102403	48.146	ng		99
26) 2-Nitrophenol	7.66	139	332687	48.159	ng		94
27) 2,4-Dimethylphenol	7.70	122	496027	52.907	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	672076	45.095	ng		99
29) 2,4-Dichlorophenol	7.90	162	514401	46.606	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	565182	43.190	ng		99
31) Naphthalene	8.06	128	1635504	45.302	ng		99
32) Benzoic acid	7.85	122	272099	40.920	ng		98
33) 4-Chloroaniline	8.11	127	201399	12.970	ng		98
34) Hexachlorobutadiene	8.18	225	334695	41.060	ng		98
35) Caprolactam	8.50	113	119983m	35.305	ng		
36) 4-Chloro-3-methylphenol	8.61	107	534087	47.814	ng		96
37) 2-Methylnaphthalene	8.75	142	1164360	47.925	ng		99
38) 1-Methylnaphthalene	8.85	142	1085421	47.504	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	572270	44.433	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	372780	79.574	ng		96
43) 2,4,6-Trichlorophenol	9.04	196	377745	46.445	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	397354	46.558	ng		96
46) 1,1'-Biphenyl	9.22	154	1392744	45.112	ng		99
47) 2-Chloronaphthalene	9.24	162	1112029	44.697	ng		98
48) 2-Nitroaniline	9.34	65	310723	44.778	ng		99
49) Acenaphthylene	9.66	152	1696747	47.220	ng		100
50) Dimethylphthalate	9.52	163	1426098	48.821	ng		100
51) 2,6-Dinitrotoluene	9.59	165	308514	47.539	ng		89
52) Acenaphthene	9.83	154	998284	46.074	ng		99
53) 3-Nitroaniline	9.75	138	141370	19.649	ng		97
54) 2,4-Dinitrophenol	9.87	184	286743	89.890	ng	#	90
55) Dibenzofuran	10.00	168	1492450	46.149	ng		97
56) 4-Nitrophenol	9.93	139	358678	82.976	ng		95
57) 2,4-Dinitrotoluene	9.99	165	381958	45.407	ng	#	87
58) Fluorene	10.35	166	1172478	46.657	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	334251	46.414	ng		99
60) Diethylphthalate	10.22	149	1266028	45.991	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	608527	45.748	ng		98
62) 4-Nitroaniline	10.37	138	294447	40.001	ng		99
63) Azobenzene	10.49	77	1120369	46.824	ng		98
65) 4,6-Dinitro-2-methylphenol	10.41	198	221295	52.621	ng		98
66) n-Nitrosodiphenylamine	10.45	169	1076076	47.286	ng		98
67) 4-Bromophenyl-phenylether	10.82	248	415665	45.756	ng		97
68) Hexachlorobenzene	10.90	284	467855	44.669	ng		96
69) Atrazine	10.99	200	372095	46.799	ng		99
70) Pentachlorophenol	11.09	266	427994	101.442	ng		99
71) Phenanthrene	11.30	178	1733837	45.746	ng		99
72) Anthracene	11.36	178	1760719	46.494	ng		99
73) Carbazole	11.51	167	1546867	45.850	ng		99
74) Di-n-butylphthalate	11.84	149	1865053	45.649	ng		99
75) Fluoranthene	12.49	202	1808461	44.952	ng		99
77) Benzidine	12.60	184	280746	14.898	ng		98
78) Pyrene	12.72	202	1789633	48.097	ng		100
80) Butylbenzylphthalate	13.33	149	756843	48.330	ng		94
81) Benzo(a)anthracene	13.90	228	1489225	47.168	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	278332	22.703	ng		99
83) Chrysene	13.94	228	1435670	45.635	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	976315	49.348	ng		99
85) Di-n-octyl phthalate	14.50	149	1538263	48.799	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1322453	43.414	ng		99
88) Benzo(b)fluoranthene	14.94	252	1455520	51.783	ng		99
89) Benzo(k)fluoranthene	14.96	252	1212991	46.567	ng		99
90) Benzo(a)pyrene	15.29	252	1172421	46.216	ng		99
91) Dibenzo(a,h)anthracene	16.77	278	1108173	49.647	ng		98
92) Benzo(g,h,i)perylene	17.19	276	1135531	51.488	ng		97

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

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