Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
Data File : BF118824.D
Acq On : 5 Feb 2020 12:17
Operator : CG/JU
Sample : L1360-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
2/6/2020 2:18:52 PM

Quant Time: Feb 06 11:33:45 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	6.81	152	223028	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	868023	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	490282	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	971129	20.00	ng		0.00
76) Chrysene-d12	13.97	240	857894	20.00	ng		0.00
87) Perylene-d12	15.42	264	1038764	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1133602	96.21	ng		0.00
7) Phenol-d6	6.45	99	1423595	97.33	ng		0.00
23) Nitrobenzene-d5	7.37	82	915044	62.83	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	548410	93.48	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1902879	69.38	ng		-0.01
79) Terphenyl-d14	12.92	244	2670379	63.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	183855	34.241	ng		98
3) Pyridine	3.32	79	476844	31.982	ng		99
4) n-Nitrosodimethylamine	3.25	42	209461	38.586	ng		95
6) Aniline	6.47	93	373338	19.819	ng		99
8) 2-Chlorophenol	6.60	128	582857	44.414	ng		100
9) Benzaldehyde	6.36	77	264265	28.365	ng		100
10) Phenol	6.46	94	693140	42.622	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	520024	41.796	ng		99
12) 1,3-Dichlorobenzene	6.76	146	623938	39.943	ng		97
13) 1,4-Dichlorobenzene	6.83	146	631929	40.556	ng		98
14) 1,2-Dichlorobenzene	6.99	146	596336	40.065	ng		100
15) Benzyl Alcohol	6.95	79	489120	43.265	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	594723	39.032	ng		99
17) 2-Methylphenol	7.07	107	455071	41.709	ng		99
18) Hexachloroethane	7.33	117	218814	39.127	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	367649	41.083	ng		98
20) 3+4-Methylphenols	7.22	107	562847	41.156	ng	#	88
22) Acetophenone	7.22	105	721688	38.268	ng	#	99
24) Nitrobenzene	7.39	77	582650	40.049	ng		99
25) Isophorone	7.63	82	1033176	39.475	ng		100
26) 2-Nitrophenol	7.71	139	316951	40.885	ng		99
27) 2,4-Dimethylphenol	7.75	122	470959	44.723	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	636927	37.529	ng		99
29) 2,4-Dichlorophenol	7.95	162	501740	39.785	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	553044	37.518	ng		99
31) Naphthalene	8.12	128	1622803	40.877	ng		99
32) Benzoic acid	7.87	122	347964	39.909	ng		99
33) 4-Chloroaniline	8.16	127	210977	11.878	ng		96
34) Hexachlorobutadiene	8.24	225	327137	36.224	ng		100
35) Caprolactam	8.53	113	174954m	42.794	ng		
36) 4-Chloro-3-methylphenol	8.65	107	525924	41.439	ng		100
37) 2-Methylnaphthalene	8.81	142	1135677	41.247	ng		99
38) 1-Methylnaphthalene	8.91	142	1066154	41.162	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	554130	37.449	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	528146	91.026	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	391260	39.542	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	421047	41.645	ng		98
46) 1,1'-Biphenyl	9.27	154	1369763	40.388	ng		98
47) 2-Chloronaphthalene	9.30	162	1099822	39.008	ng		97
48) 2-Nitroaniline	9.39	65	314813	38.713	ng		91
49) Acenaphthylene	9.71	152	1738142	42.696	ng		99
50) Dimethylphthalate	9.57	163	1393635	41.746	ng		99
51) 2,6-Dinitrotoluene	9.63	165	313060	40.984	ng		92
52) Acenaphthene	9.89	154	1169515	43.597	ng		99
53) 3-Nitroaniline	9.79	138	148470	17.526	ng		93
54) 2,4-Dinitrophenol	9.91	184	318026	86.606	ng		92
55) Dibenzofuran	10.06	168	1568921	40.470	ng		98
56) 4-Nitrophenol	9.97	139	540026	88.080	ng		92
57) 2,4-Dinitrotoluene	10.03	165	432353	42.771	ng	#	87
58) Fluorene	10.40	166	1179087	40.427	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	363271	41.143	ng		99
60) Diethylphthalate	10.27	149	1281671	39.483	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	610102	38.572	ng		96
62) 4-Nitroaniline	10.41	138	304660	35.913	ng		99
63) Azobenzene	10.55	77	1150631	41.519	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	240495	44.072	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1105115	39.286	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	426790	37.151	ng		94
68) Hexachlorobenzene	10.95	284	476279	36.145	ng		95
69) Atrazine	11.03	200	414193	44.196	ng		99
70) Pentachlorophenol	11.14	266	521493	74.954	ng		99
71) Phenanthrene	11.36	178	1884856	39.448	ng		99
72) Anthracene	11.41	178	1948897	41.000	ng		99
73) Carbazole	11.56	167	1726833	41.395	ng		99
74) Di-n-butylphthalate	11.90	149	2020280	38.017	ng		99
75) Fluoranthene	12.55	202	2131948	40.867	ng		99
77) Benzidine	12.66	184	884797	34.099	ng		98
78) Pyrene	12.77	202	2171670	36.899	ng		99
80) Butylbenzylphthalate	13.39	149	980927	36.516	ng		96
81) Benzo(a)anthracene	13.96	228	2040727	39.975	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	532491	25.503	ng		99
83) Chrysene	14.00	228	2031924	39.658	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1269884	37.261	ng		99
85) Di-n-octyl phthalate	14.56	149	2299906	39.392	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2523500	49.020	ng		99
88) Benzo(b)fluoranthene	15.00	252	2475323	38.403	ng		100
89) Benzo(k)fluoranthene	15.03	252	2010561	35.820	ng		99
90) Benzo(a)pyrene	15.36	252	2062374	37.387	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	2098875	42.860	ng		99
92) Benzo(g,h,i)perylene	17.29	276	2011572	42.713	ng		99

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

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