Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118874.D
Acq On : 10 Feb 2020 17:46
Operator : CG/JU
Sample : L1472-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED
mohammad
2/13/2020 10:28:43 AM

Quant Time: Feb 11 09:27:37 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	196203	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	741425	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	552947	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1213188	20.00	ng		0.00
76) Chrysene-d12	13.97	240	731475	20.00	ng		0.00
87) Perylene-d12	15.42	264	686308	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1335557	128.85	ng		0.01
7) Phenol-d6	6.46	99	1649583	128.21	ng		0.00
23) Nitrobenzene-d5	7.38	82	1075721	86.48	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	898610	135.82	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2706022	87.49	ng		0.00
79) Terphenyl-d14	12.92	244	3111733	87.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	274779	58.171	ng		98
3) Pyridine	3.33	79	705398	53.779	ng		99
4) n-Nitrosodimethylamine	3.26	42	309078	64.721	ng		100
6) Aniline	6.47	93	543380	32.790	ng	#	44
8) 2-Chlorophenol	6.60	128	626051	54.228	ng		99
9) Benzaldehyde	6.36	77	277995	36.272	ng		98
10) Phenol	6.47	94	714124	49.915	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	573508	52.397	ng		100
12) 1,3-Dichlorobenzene	6.76	146	676469	49.226	ng		99
13) 1,4-Dichlorobenzene	6.83	146	684787	49.957	ng		99
14) 1,2-Dichlorobenzene	6.99	146	637115	48.656	ng		98
15) Benzyl Alcohol	6.96	79	519677	52.253	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	646615	48.240	ng		94
17) 2-Methylphenol	7.07	107	501798	52.280	ng		99
18) Hexachloroethane	7.33	117	239649	48.712	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	402547	51.133	ng		98
20) 3+4-Methylphenols	7.23	107	596261	49.560	ng		96
22) Acetophenone	7.22	105	798217	49.553	ng	#	96
24) Nitrobenzene	7.40	77	619378	49.843	ng		95
25) Isophorone	7.64	82	1134933	50.768	ng		98
26) 2-Nitrophenol	7.72	139	348412	52.618	ng		96
27) 2,4-Dimethylphenol	7.76	122	536168	59.609	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	715975	49.390	ng		99
29) 2,4-Dichlorophenol	7.96	162	557068	51.714	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	610151	48.460	ng		99
31) Naphthalene	8.12	128	1730396	51.029	ng		99
32) Benzoic acid	7.89	122	326839	43.887	ng		99
33) 4-Chloroaniline	8.16	127	237592	15.661	ng		99
34) Hexachlorobutadiene	8.24	225	370208	47.992	ng		99
35) Caprolactam	8.55	113	193856m	55.514	ng		
36) 4-Chloro-3-methylphenol	8.66	107	583703	53.844	ng		99
37) 2-Methylnaphthalene	8.81	142	1240402	52.743	ng		97
38) 1-Methylnaphthalene	8.91	142	1164787	52.649	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	788221	47.232	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	553957	84.654	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	547715	49.080	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	594851	52.168	ng		99
46) 1,1'-Biphenyl	9.27	154	1903263	49.759	ng		100
47) 2-Chloronaphthalene	9.30	162	1547858	48.677	ng		99
48) 2-Nitroaniline	9.39	65	454242	49.529	ng		90
49) Acenaphthylene	9.72	152	2363691	51.482	ng		99
50) Dimethylphthalate	9.58	163	2054799	54.576	ng		99
51) 2,6-Dinitrotoluene	9.63	165	452852	52.567	ng		94
52) Acenaphthene	9.89	154	1391996	46.010	ng		100
53) 3-Nitroaniline	9.80	138	240080	25.128	ng		98
54) 2,4-Dinitrophenol	9.92	184	374861	90.514	ng		96
55) Dibenzofuran	10.06	168	2262818	51.754	ng		99
56) 4-Nitrophenol	9.98	139	674631	97.565	ng		99
57) 2,4-Dinitrotoluene	10.04	165	638578	56.012	ng	#	85
58) Fluorene	10.40	166	1774214	53.938	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	529115	53.134	ng		99
60) Diethylphthalate	10.27	149	2028355	55.403	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	953162	53.432	ng		97
62) 4-Nitroaniline	10.42	138	488882	51.098	ng		99
63) Azobenzene	10.55	77	1832393	58.626	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	355694	52.177	ng		97
66) n-Nitrosodiphenylamine	10.51	169	1712461	48.731	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	687228	47.885	ng		97
68) Hexachlorobenzene	10.95	284	758755	46.094	ng		98
69) Atrazine	11.04	200	676241	57.761	ng		100
70) Pentachlorophenol	11.15	266	753795	86.725	ng		99
71) Phenanthrene	11.36	178	2812402	47.116	ng		98
72) Anthracene	11.42	178	2890460	48.676	ng		99
73) Carbazole	11.57	167	2610918	50.100	ng		99
74) Di-n-butylphthalate	11.90	149	2507653	37.774	ng		100
75) Fluoranthene	12.55	202	2394916	36.748	ng		99
77) Benzidine	12.67	184	1183411	53.490	ng		98
78) Pyrene	12.78	202	2384388	47.516	ng		99
80) Butylbenzylphthalate	13.39	149	1196799	52.253	ng		100
81) Benzo(a)anthracene	13.97	228	2027287	46.575	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	674479	37.887	ng		99
83) Chrysene	14.00	228	2040554	46.709	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1673739	57.598	ng		98
85) Di-n-octyl phthalate	14.56	149	2838406	57.017	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2257067	51.422	ng		100
88) Benzo(b)fluoranthene	15.00	252	2017614	47.377	ng		99
89) Benzo(k)fluoranthene	15.03	252	1939054	52.287	ng		99
90) Benzo(a)pyrene	15.36	252	1775607	48.719	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1906295	58.919	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1889109	60.713	ng		99

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

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