Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119674.D
Acq On : 1 Apr 2020 15:00
Operator : MA/SJ
Sample : L1762-25MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:29 PM

Quant Time: Apr 02 00:47:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	260336	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1022412	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	529366	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1013283	20.00	ng	0.00
76) Chrysene-d12	13.99	240	736562	20.00	ng	0.00
87) Perylene-d12	15.45	264	749762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2201569	134.62	ng	0.03
7) Phenol-d6	6.45	99	2556392	122.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	1836250	97.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	835188	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3434498	96.12	ng	0.00
79) Terphenyl-d14	12.94	244	3676438	97.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	307091	38.021	ng	# 81
3) Pyridine	3.48	79	730054	32.809	ng	90
4) n-Nitrosodimethylamine	3.39	42	454332	41.869	ng	89
6) Aniline	6.48	93	329650	11.433	ng	98
8) 2-Chlorophenol	6.60	128	944460	54.987	ng	99
9) Benzaldehyde	6.36	77	390211	29.444	ng	97
10) Phenol	6.46	94	1009404	45.283	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	928799	52.098	ng	100
12) 1,3-Dichlorobenzene	6.76	146	914313	49.184	ng	100
13) 1,4-Dichlorobenzene	6.83	146	933168	50.186	ng	98
14) 1,2-Dichlorobenzene	6.99	146	861701	49.579	ng	98
15) Benzyl Alcohol	6.96	79	764387	48.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1623586	45.149	ng	97
17) 2-Methylphenol	7.07	107	762444	48.448	ng	99
18) Hexachloroethane	7.33	117	356797	52.360	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	650125	51.630	ng	95
20) 3+4-Methylphenols	7.23	107	885567	45.916	ng	# 80
22) Acetophenone	7.23	105	1229325	50.320	ng	# 89
24) Nitrobenzene	7.40	77	983865	48.937	ng	99
25) Isophorone	7.64	82	1873046	49.082	ng	98
26) 2-Nitrophenol	7.72	139	504278	63.704	ng	92
27) 2,4-Dimethylphenol	7.76	122	839448	51.285	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	1193646	52.896	ng	99
29) 2,4-Dichlorophenol	7.96	162	792098	52.667	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	838270	50.399	ng	99
31) Naphthalene	8.12	128	2718965	51.677	ng	99
32) Benzoic acid	7.87	122	461864m	43.866	ng	
33) 4-Chloroaniline	8.17	127	128717	5.339	ng	96
34) Hexachlorobutadiene	8.24	225	468934	50.391	ng	98
35) Caprolactam	8.55	113	205216m	41.692	ng	
36) 4-Chloro-3-methylphenol	8.66	107	843833	51.335	ng	99
37) 2-Methylnaphthalene	8.82	142	1828509	52.954	ng	98
38) 1-Methylnaphthalene	8.92	142	1731744	52.985	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	764855	49.294	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	902250	102.283	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	656884	59.159	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	541539	43.537	ng		94
46) 1,1'-Biphenyl	9.28	154	2143488	49.716	ng		99
47) 2-Chloronaphthalene	9.30	162	1674297	49.577	ng		99
48) 2-Nitroaniline	9.40	65	597719	51.277	ng		90
49) Acenaphthylene	9.72	152	2640871	49.796	ng		99
50) Dimethylphthalate	9.59	163	1679076	44.655	ng		99
51) 2,6-Dinitrotoluene	9.65	165	449554	55.779	ng		93
52) Acenaphthene	9.90	154	1756605	53.130	ng		99
53) 3-Nitroaniline	9.81	138	153487	15.085	ng		93
54) 2,4-Dinitrophenol	9.92	184	339643	95.810	ng		95
55) Dibenzofuran	10.07	168	2350519	49.586	ng		99
56) 4-Nitrophenol	9.98	139	712963	88.823	ng		96
57) 2,4-Dinitrotoluene	10.05	165	595392	58.643	ng		98
58) Fluorene	10.41	166	1795315	51.216	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	472559	50.825	ng		100
60) Diethylphthalate	10.29	149	2007337	52.599	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	870516	50.783	ng		99
62) 4-Nitroaniline	10.43	138	452887	46.416	ng		96
63) Azobenzene	10.56	77	1904966	49.569	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	270334	63.623	ng		92
66) n-Nitrosodiphenylamine	10.53	169	1676344	50.394	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	582218	50.452	ng		99
68) Hexachlorobenzene	10.96	284	614166	52.000	ng	#	91
69) Atrazine	11.06	200	501382	54.979	ng		97
70) Pentachlorophenol	11.16	266	675712	97.570	ng		96
71) Phenanthrene	11.37	178	2594735	49.385	ng		100
72) Anthracene	11.43	178	2641016	49.457	ng		99
73) Carbazole	11.58	167	2492043	47.148	ng		100
74) Di-n-butylphthalate	11.92	149	3077137	54.423	ng		100
75) Fluoranthene	12.56	202	2830342	49.775	ng		99
77) Benzidine	12.68	184	656702	21.067	ng		98
78) Pyrene	12.79	202	2856687	47.258	ng		100
80) Butylbenzylphthalate	13.42	149	1354572	55.404	ng		99
81) Benzo(a)anthracene	13.99	228	2244450	46.859	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	320063	16.948	ng		99
83) Chrysene	14.02	228	2405115	48.655	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1719053	58.983	ng		98
85) Di-n-octyl phthalate	14.59	149	3185770	62.152	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	2521136	54.153	ng		98
88) Benzo(b)fluoranthene	15.03	252	2653575	52.983	ng		98
89) Benzo(k)fluoranthene	15.06	252	2209149	46.323	ng		99
90) Benzo(a)pyrene	15.39	252	2239168	49.196	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	2092538	52.562	ng		99
92) Benzo(g,h,i)perylene	17.36	276	2086460	52.168	ng		95

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

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