Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118808.D
Acq On : 4 Feb 2020 18:26
Operator : CG/JU
Sample : L1360-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:11 PM

Quant Time: Feb 05 06:43:35 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	277241	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1058655	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	615967	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1179074	20.00	ng	0.00
76) Chrysene-d12	13.97	240	811845	20.00	ng	-0.01
87) Perylene-d12	15.41	264	799891	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1683159	114.92	ng	0.00
7) Phenol-d6	6.45	99	2099699	115.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	1371505	77.22	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	835130	113.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2819027	81.82	ng	0.00
79) Terphenyl-d14	12.92	244	3544408	89.68	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	303554	45.478	ng	99
3) Pyridine	3.36	79	780306	42.101	ng	99
4) n-Nitrosodimethylamine	3.30	42	343982	50.975	ng	97
6) Aniline	6.47	93	721002	30.791	ng	99
8) 2-Chlorophenol	6.60	128	890897	54.612	ng	99
9) Benzaldehyde	6.36	77	411785	38.883	ng	96
10) Phenol	6.46	94	1041983	51.543	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	802466	51.885	ng	100
12) 1,3-Dichlorobenzene	6.76	146	948330	48.838	ng	98
13) 1,4-Dichlorobenzene	6.83	146	962253	49.680	ng	98
14) 1,2-Dichlorobenzene	6.99	146	886925	47.936	ng	97
15) Benzyl Alcohol	6.96	79	738139	52.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	928438	49.019	ng	99
17) 2-Methylphenol	7.07	107	721198	53.175	ng	100
18) Hexachloroethane	7.33	117	340213	48.939	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	564079	50.708	ng	96
20) 3+4-Methylphenols	7.22	107	827134	48.654	ng	96
22) Acetophenone	7.22	105	1099316	47.795	ng	96
24) Nitrobenzene	7.39	77	884213	49.834	ng	98
25) Isophorone	7.64	82	1637532	51.300	ng	98
26) 2-Nitrophenol	7.71	139	496273	52.489	ng	99
27) 2,4-Dimethylphenol	7.75	122	764997	59.564	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1012782	48.930	ng	99
29) 2,4-Dichlorophenol	7.96	162	784036	50.974	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	865897	48.164	ng	99
31) Naphthalene	8.12	128	2432385	50.237	ng	100
32) Benzoic acid	7.89	122	531093	49.945	ng	98
33) 4-Chloroaniline	8.16	127	329945	15.231	ng	96
34) Hexachlorobutadiene	8.24	225	522312	47.421	ng	100
35) Caprolactam	8.54	113	262198m	52.585	ng	
36) 4-Chloro-3-methylphenol	8.65	107	807245	52.151	ng	99
37) 2-Methylnaphthalene	8.81	142	1720016	51.221	ng	97
38) 1-Methylnaphthalene	8.91	142	1641474	51.962	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	834614	44.895	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	917109	125.811	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	610954	49.146	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	643573	50.666	ng		96
46) 1,1'-Biphenyl	9.27	154	2098800	49.257	ng		99
47) 2-Chloronaphthalene	9.30	162	1682248	47.491	ng		99
48) 2-Nitroaniline	9.39	65	486828	47.651	ng		100
49) Acenaphthylene	9.72	152	2605201	50.937	ng		99
50) Dimethylphthalate	9.58	163	2171808	51.782	ng		99
51) 2,6-Dinitrotoluene	9.63	165	495402	51.622	ng		98
52) Acenaphthene	9.89	154	1633803	48.477	ng		100
53) 3-Nitroaniline	9.80	138	219603	20.634	ng		98
54) 2,4-Dinitrophenol	9.91	184	461272	99.984	ng		96
55) Dibenzofuran	10.06	168	2354577	48.343	ng		99
56) 4-Nitrophenol	9.97	139	804364	104.425	ng		98
57) 2,4-Dinitrotoluene	10.04	165	658129	51.821	ng	#	88
58) Fluorene	10.40	166	1767250	48.230	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	565270	50.957	ng		99
60) Diethylphthalate	10.27	149	2000314	49.047	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	936414	47.123	ng		100
62) 4-Nitroaniline	10.42	138	463108	43.451	ng		100
63) Azobenzene	10.55	77	1761651	50.596	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	364071	54.951	ng		88
66) n-Nitrosodiphenylamine	10.51	169	1706873	49.977	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	675731	48.447	ng		98
68) Hexachlorobenzene	10.95	284	752511	47.037	ng		98
69) Atrazine	11.04	200	622302	54.692	ng		99
70) Pentachlorophenol	11.15	266	781812	92.551	ng		99
71) Phenanthrene	11.36	178	2693070	46.422	ng		100
72) Anthracene	11.41	178	2781595	48.198	ng		100
73) Carbazole	11.56	167	2447630	48.326	ng		99
74) Di-n-butylphthalate	11.90	149	3006755	46.602	ng		100
75) Fluoranthene	12.55	202	2937119	46.371	ng		98
77) Benzidine	12.66	184	1257499	51.212	ng		98
78) Pyrene	12.77	202	2881153	51.731	ng		98
80) Butylbenzylphthalate	13.39	149	1320037	51.928	ng		96
81) Benzo(a)anthracene	13.96	228	2349898	48.642	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	532377	26.944	ng		99
83) Chrysene	14.00	228	2413184	49.771	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1656872	51.373	ng		99
85) Di-n-octyl phthalate	14.56	149	2745220	49.686	ng		100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2504861	51.418	ng		99
88) Benzo(b)fluoranthene	15.00	252	2427894	48.915	ng		99
89) Benzo(k)fluoranthene	15.03	252	2161391	50.007	ng		100
90) Benzo(a)pyrene	15.35	252	2070757	48.749	ng		100
91) Dibenzo(a,h)anthracene	16.86	278	2061386	54.666	ng		100
92) Benzo(g,h,i)perylene	17.28	276	2113000	58.265	ng		98

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

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