Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
Data File : BF122317.D
Acq On : 12 Nov 2020 16:03
Operator : JU/CG
Sample : L4702-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

Manual Integrations APPROVED
mohammad
11/20/2020 11:27:58 AM

Quant Time: Nov 12 16:32:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	262800	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1041062	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	560994	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1022321	20.00	ng		0.00
76) Chrysene-d12	14.033	240	833767	20.00	ng		0.00
86) Perylene-d12	15.498	264	755804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2311836	135.08	ng		0.01
7) Phenol-d6	6.492	99	3035176	135.56	ng		0.00
23) Nitrobenzene-d5	7.434	82	1905962	112.08	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	911394	151.37	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3168632	88.25	ng		0.00
79) Terphenyl-d14	12.980	244	3329555	84.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	342222	43.60	ng		93
3) Pyridine	3.440	79	1002785	46.45	ng		92
4) n-Nitrosodimethylamine	3.393	42	498703	49.01	ng		99
6) Aniline	6.528	93	904097	30.78	ng		98
8) 2-Chlorophenol	6.651	128	932558	52.54	ng		90
9) Benzaldehyde	6.410	77	176854	11.37	ng		98
10) Phenol	6.504	94	1140075m	51.71	ng		
11) bis(2-Chloroethyl)ether	6.604	93	873798	49.86	ng		92
12) 1,3-Dichlorobenzene	6.810	146	971975	48.24	ng		96
13) 1,4-Dichlorobenzene	6.887	146	976453	48.24	ng		95
14) 1,2-Dichlorobenzene	7.040	146	956504	50.63	ng		99
15) Benzyl Alcohol	7.004	79	807480	50.73	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1260279	49.34	ng		98
17) 2-Methylphenol	7.116	107	756967	51.10	ng		99
18) Hexachloroethane	7.381	117	357508	50.72	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	662190	49.49	ng		94
20) 3+4-Methylphenols	7.269	107	929368	50.98	ng	#	82
22) Acetophenone	7.275	105	1206063	44.48	ng	#	92
24) Nitrobenzene	7.451	77	994273	51.10	ng		94
25) Isophorone	7.692	82	1755484	46.31	ng		96
26) 2-Nitrophenol	7.763	139	465109	54.06	ng		96
27) 2,4-Dimethylphenol	7.798	122	877131	49.05	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1100034	47.44	ng		99
29) 2,4-Dichlorophenol	8.004	162	795211	50.23	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	820310	46.95	ng		96
31) Naphthalene	8.175	128	2552463	46.12	ng		97
32) Benzoic acid	7.928	122	591564	57.81	ng		98
33) 4-Chloroaniline	8.216	127	359669	14.92	ng		98
34) Hexachlorobutadiene	8.292	225	472854	47.08	ng		100
35) Caprolactam	8.592	113	258037m	51.42	ng		
36) 4-Chloro-3-methylphenol	8.698	107	832126	50.39	ng		95
37) 2-Methylnaphthalene	8.869	142	1725315	47.18	ng		99
38) 1-Methylnaphthalene	8.963	142	1625001	47.48	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	783085	45.30	ng		99
41) Hexachlorocyclopentadiene	9.022	237	901382	89.18	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	589751	52.53	ng		100

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44) 2,4,5-Trichlorophenol	9.181	196	594236	50.49	ng		99
46) 1,1'-Biphenyl	9.333	154	2031990	45.50	ng		98
47) 2-Chloronaphthalene	9.357	162	1591206	44.90	ng		96
48) 2-Nitroaniline	9.445	65	528688	49.85	ng		96
49) Acenaphthylene	9.775	152	2536674	46.57	ng		98
50) Dimethylphthalate	9.633	163	2571349	64.48	ng		99
51) 2,6-Dinitrotoluene	9.692	165	449341	50.42	ng	#	85
52) Acenaphthene	9.945	154	1725404	51.17	ng		99
53) 3-Nitroaniline	9.857	138	265474	27.88	ng		89
54) 2,4-Dinitrophenol	9.963	184	394839	94.44	ng		92
55) Dibenzofuran	10.116	168	2313357	46.83	ng		100
56) 4-Nitrophenol	10.016	139	788811	89.97	ng		94
57) 2,4-Dinitrotoluene	10.092	165	604160	53.44	ng		96
58) Fluorene	10.457	166	1738397	45.96	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	523756	53.51	ng		99
60) Diethylphthalate	10.333	149	1884463	48.17	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	832538	46.62	ng		98
62) 4-Nitroaniline	10.475	138	468608	47.43	ng		96
63) Azobenzene	10.610	77	1918373	46.75	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	275768	57.51	ng		92
66) n-Nitrosodiphenylamine	10.569	169	1635374	46.95	ng		93
67) 4-Bromophenyl-phenylether	10.939	248	580734	48.34	ng		100
68) Hexachlorobenzene	11.004	284	632000	48.69	ng		98
69) Atrazine	11.092	200	454330	52.37	ng		99
70) Pentachlorophenol	11.198	266	761686	101.86	ng		98
71) Phenanthrene	11.422	178	2657455	45.82	ng		98
72) Anthracene	11.469	178	2739661	45.83	ng		98
73) Carbazole	11.622	167	2520198	46.34	ng		98
74) Di-n-butylphthalate	11.957	149	2827599	48.77	ng		98
75) Fluoranthene	12.604	202	2836186	46.84	ng		98
77) Benzidine	12.722	184	1076613	46.56	ng		99
78) Pyrene	12.833	202	2886577	49.28	ng		98
80) Butylbenzylphthalate	13.457	149	1208889	51.23	ng		96
81) Benzo(a)anthracene	14.021	228	2412413	46.52	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	442451	22.90	ng	#	98
83) Chrysene	14.063	228	2462874	47.16	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	1457620	51.61	ng	#	97
85) Di-n-octyl phthalate	14.633	149	2542281	53.11	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2351391	51.85	ng		99
88) Benzo(b)fluoranthene	15.074	252	2320828	47.41	ng		100
89) Benzo(k)fluoranthene	15.104	252	2221161	46.54	ng		97
90) Benzo(a)pyrene	15.439	252	2038265	47.76	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	1925361	50.69	ng		99
92) Benzo(g,h,i)perylene	17.415	276	1978631	53.56	ng		99

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

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