Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
Data File : BF122915.D
Acq On : 4 Jan 2021 18:36
Operator : JU/CG
Sample : L5249-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations APPROVED
mohammad
1/5/2021 12:29:43 PM

Quant Time: Jan 05 00:13:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	117589	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	457900	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	245763	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	460123	20.00	ng		0.00
76) Chrysene-d12	14.015	240	315934	20.00	ng		0.00
86) Perylene-d12	15.486	264	305781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	699691	94.20	ng		0.00
7) Phenol-d6	6.463	99	857394	87.04	ng		0.00
23) Nitrobenzene-d5	7.392	82	538757	58.95	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	294416	91.52	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1017609	56.00	ng		0.00
79) Terphenyl-d14	12.951	244	1099664	60.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	121560	34.82	ng		98
3) Pyridine	3.334	79	341081	36.96	ng		97
4) n-Nitrosodimethylamine	3.287	42	145135	39.22	ng		100
6) Aniline	6.481	93	306583	26.44	ng	#	1
8) 2-Chlorophenol	6.610	128	374038	45.69	ng		96
9) Benzaldehyde	6.369	77	72691	12.19	ng		97
10) Phenol	6.481	94	454692	44.55	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	337173	43.24	ng		97
12) 1,3-Dichlorobenzene	6.763	146	397485	41.03	ng		99
13) 1,4-Dichlorobenzene	6.839	146	404953	41.46	ng		99
14) 1,2-Dichlorobenzene	6.992	146	388351	41.19	ng		99
15) Benzyl Alcohol	6.969	79	303082	44.68	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	401235	36.08	ng		78
17) 2-Methylphenol	7.087	107	295891	45.47	ng		97
18) Hexachloroethane	7.334	117	141648	40.69	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	237080	42.02	ng		99
20) 3+4-Methylphenols	7.239	107	369068	44.89	ng		96
22) Acetophenone	7.234	105	478578	42.03	ng	#	96
24) Nitrobenzene	7.410	77	371352	40.85	ng		98
25) Isophorone	7.651	82	670141	42.57	ng		99
26) 2-Nitrophenol	7.728	139	199512	44.99	ng		93
27) 2,4-Dimethylphenol	7.769	122	323369	49.75	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	422962	39.24	ng		100
29) 2,4-Dichlorophenol	7.975	162	325084	42.83	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	339261	39.45	ng		100
31) Naphthalene	8.134	128	1057802	41.86	ng		100
32) Benzoic acid	7.922	122	228252	44.08	ng		96
33) 4-Chloroaniline	8.181	127	158589	15.01	ng		98
34) Hexachlorobutadiene	8.245	225	202575	38.27	ng		99
35) Caprolactam	8.563	113	104127m	45.55	ng		
36) 4-Chloro-3-methylphenol	8.681	107	337305	45.12	ng		98
37) 2-Methylnaphthalene	8.828	142	716015	42.84	ng		98
38) 1-Methylnaphthalene	8.928	142	661650	41.85	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	343016	42.14	ng		99
41) Hexachlorocyclopentadiene	8.975	237	208610	57.96	ng		96
43) 2,4,6-Trichlorophenol	9.110	196	230322	40.97	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	247583	42.60	ng		99
46) 1,1'-Biphenyl	9.292	154	853708	41.86	ng		97
47) 2-Chloronaphthalene	9.316	162	683871	40.47	ng		99
48) 2-Nitroaniline	9.416	65	198003	40.19	ng		93
49) Acenaphthylene	9.733	152	1055147	42.27	ng		99
50) Dimethylphthalate	9.592	163	894941	45.60	ng		99
51) 2,6-Dinitrotoluene	9.663	165	187086	45.13	ng		95
52) Acenaphthene	9.904	154	631276	39.09	ng		99
53) 3-Nitroaniline	9.828	138	112921	23.57	ng		92
54) 2,4-Dinitrophenol	9.951	184	179811	88.72	ng	#	91
55) Dibenzofuran	10.080	168	942404	41.49	ng		98
56) 4-Nitrophenol	10.010	139	259227	75.90	ng		89
57) 2,4-Dinitrotoluene	10.069	165	243777	44.15	ng		94
58) Fluorene	10.422	166	758201	41.96	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	212535	41.63	ng		99
60) Diethylphthalate	10.292	149	805653	42.20	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	366882	41.24	ng		100
62) 4-Nitroaniline	10.451	138	173958	35.78	ng		99
63) Azobenzene	10.575	77	718292	40.93	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	126893	45.23	ng		92
66) n-Nitrosodiphenylamine	10.533	169	659091	40.54	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	254056	40.75	ng	#	91
68) Hexachlorobenzene	10.975	284	278743	40.44	ng		98
69) Atrazine	11.063	200	200646	38.00	ng		99
70) Pentachlorophenol	11.175	266	270680	74.12	ng		98
71) Phenanthrene	11.386	178	1156776	42.30	ng		99
72) Anthracene	11.439	178	1175892	43.37	ng		100
73) Carbazole	11.598	167	1067324	43.40	ng		99
74) Di-n-butylphthalate	11.922	149	1251342	40.50	ng		99
75) Fluoranthene	12.580	202	1181827	41.21	ng		99
77) Benzidine	12.704	184	429516	62.85	ng		99
78) Pyrene	12.810	202	1167076	47.78	ng		99
80) Butylbenzylphthalate	13.427	149	491979	44.71	ng		92
81) Benzo(a)anthracene	14.004	228	933222	44.20	ng		98
82) 3,3'-Dichlorobenzidine	13.963	252	255282	33.76	ng		99
83) Chrysene	14.045	228	903717	43.01	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	668877	44.39	ng		99
85) Di-n-octyl phthalate	14.598	149	1022991	40.93	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1012644	50.45	ng		99
88) Benzo(b)fluoranthene	15.062	252	918896	42.83	ng		98
89) Benzo(k)fluoranthene	15.092	252	871127	44.41	ng		99
90) Benzo(a)pyrene	15.433	252	823141	43.85	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	825655	50.26	ng		100
92) Benzo(g,h,i)perylene	17.421	276	914501	57.52	ng		98

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

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