Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122869.D
Acq On : 29 Dec 2020 18:13
Operator : JU/CG
Sample : L5215-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Manual Integrations APPROVED
mohammad
12/30/2020 2:21:11 PM

Quant Time: Dec 29 23:37:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.821	152	152489	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	580571	20.00	ng		0.00
39) Acenaphthene-d10	9.862	164	308540	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	545018	20.00	ng		0.00
76) Chrysene-d12	13.992	240	375850	20.00	ng		0.00
86) Perylene-d12	15.450	264	357639	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	994741	103.27	ng		0.02
7) Phenol-d6	6.469	99	1242563	97.27	ng		0.01
23) Nitrobenzene-d5	7.392	82	803449	69.34	ng		0.00
42) 2,4,6-Tribromophenol	10.656	330	401281	99.36	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1472960	64.57	ng		0.00
79) Terphenyl-d14	12.933	244	1630580	75.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	165984	36.66	ng		97
3) Pyridine	3.404	79	470474	39.32	ng		99
4) n-Nitrosodimethylamine	3.363	42	203522	42.41	ng		92
6) Aniline	6.486	93	336064	22.35	ng	#	80
8) 2-Chlorophenol	6.610	128	494569	46.59	ng		97
9) Benzaldehyde	6.369	77	120262	15.55	ng		97
10) Phenol	6.480	94	592537	44.76	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	453740	44.87	ng		99
12) 1,3-Dichlorobenzene	6.763	146	537601	42.80	ng		98
13) 1,4-Dichlorobenzene	6.839	146	540845	42.70	ng		98
14) 1,2-Dichlorobenzene	6.992	146	516301	42.23	ng		100
15) Benzyl Alcohol	6.968	79	400118	45.49	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	551358	38.23	ng		84
17) 2-Methylphenol	7.086	107	391037	46.34	ng		95
18) Hexachloroethane	7.333	117	194733	43.14	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	314107	42.93	ng		99
20) 3+4-Methylphenols	7.239	107	459400	43.09	ng		99
22) Acetophenone	7.233	105	617392	42.77	ng	#	96
24) Nitrobenzene	7.410	77	490142	42.52	ng		99
25) Isophorone	7.651	82	891719	44.68	ng		98
26) 2-Nitrophenol	7.727	139	265983	47.31	ng		93
27) 2,4-Dimethylphenol	7.768	122	420773	51.06	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	565249	41.36	ng		100
29) 2,4-Dichlorophenol	7.968	162	418965	43.54	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	451093	41.37	ng		99
31) Naphthalene	8.127	128	1361727	42.50	ng		100
32) Benzoic acid	7.921	122	290531	44.25	ng		99
33) 4-Chloroaniline	8.180	127	170178	12.71	ng		98
34) Hexachlorobutadiene	8.245	225	268600	40.03	ng		99
35) Caprolactam	8.563	113	129862m	44.80	ng		
36) 4-Chloro-3-methylphenol	8.674	107	437872	46.19	ng		97
37) 2-Methylnaphthalene	8.821	142	918656	43.35	ng		99
38) 1-Methylnaphthalene	8.921	142	840182	41.91	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	440156	43.07	ng		99
41) Hexachlorocyclopentadiene	8.974	237	316469	70.04	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	293034	41.52	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	321488	44.07	ng	98
46) 1,1'-Biphenyl	9.286	154	1091664	42.63	ng	99
47) 2-Chloronaphthalene	9.310	162	875255	41.25	ng	100
48) 2-Nitroaniline	9.410	65	251004	40.58	ng	94
49) Acenaphthylene	9.727	152	1319754	42.12	ng	100
50) Dimethylphthalate	9.586	163	1161873	47.15	ng	99
51) 2,6-Dinitrotoluene	9.657	165	240681	46.25	ng	94
52) Acenaphthene	9.898	154	784544	38.70	ng	98
53) 3-Nitroaniline	9.821	138	129271	21.50	ng	95
54) 2,4-Dinitrophenol	9.939	184	224442	88.21	ng	95
55) Dibenzofuran	10.074	168	1185938	41.58	ng	98
56) 4-Nitrophenol	9.998	139	329954	76.95	ng	88
57) 2,4-Dinitrotoluene	10.062	165	302965	43.70	ng	97
58) Fluorene	10.415	166	927615	40.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	271600	42.37	ng	99
60) Diethylphthalate	10.286	149	1019728	42.55	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	456743	40.90	ng	98
62) 4-Nitroaniline	10.439	138	228494	37.43	ng	99
63) Azobenzene	10.562	77	926785	42.07	ng	100
65) 4,6-Dinitro-2-methylph...	10.474	198	168165	50.60	ng	97
66) n-Nitrosodiphenylamine	10.527	169	850139	44.15	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	311771	42.21	ng	97
68) Hexachlorobenzene	10.962	284	336508	41.22	ng	100
69) Atrazine	11.051	200	244931	39.16	ng	99
70) Pentachlorophenol	11.162	266	353348	81.69	ng	99
71) Phenanthrene	11.374	178	1360386	42.00	ng	99
72) Anthracene	11.427	178	1415242	44.06	ng	100
73) Carbazole	11.586	167	1270686	43.62	ng	99
74) Di-n-butylphthalate	11.909	149	1532345	41.87	ng	99
75) Fluoranthene	12.562	202	1365666	40.21	ng	100
77) Benzidine	12.686	184	391981	48.22	ng	99
78) Pyrene	12.792	202	1348790	46.42	ng	99
80) Butylbenzylphthalate	13.403	149	586135	44.78	ng	99
81) Benzo(a)anthracene	13.986	228	1127349	44.88	ng	97
82) 3,3'-Dichlorobenzidine	13.939	252	295804	32.88	ng	98
83) Chrysene	14.021	228	1083928	43.36	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	806202	44.98	ng	98
85) Di-n-octyl phthalate	14.574	149	1262809	42.47	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1216139	51.80	ng	100
88) Benzo(b)fluoranthene	15.033	252	1108315	44.17	ng	99
89) Benzo(k)fluoranthene	15.062	252	1026955	44.76	ng	99
90) Benzo(a)pyrene	15.397	252	971643	44.26	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	999915	52.04	ng	99
92) Benzo(g,h,i)perylene	17.362	276	1038995	55.87	ng	99

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

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