Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121633.D
Acq On : 21 Sep 2020 18:37
Operator : JU/CG
Sample : L4059-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Manual Integrations APPROVED
mohammad
9/22/2020 10:08:56 AM

Quant Time: Sep 21 19:06:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167010	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	649960	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	342004	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	640370	20.00	ng		0.00
76) Chrysene-d12	14.00	240	454670	20.00	ng		0.00
86) Perylene-d12	15.46	264	397446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1122377	99.87	ng		0.01
7) Phenol-d6	6.46	99	1461635	99.14	ng		0.00
23) Nitrobenzene-d5	7.39	82	1029440	85.04	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	487469	114.68	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1777810	78.73	ng		0.00
79) Terphenyl-d14	12.94	244	1848364	82.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	188985	36.605	ng		99
3) Pyridine	3.35	79	542735	38.026	ng		98
4) n-Nitrosodimethylamine	3.30	42	277645	41.938	ng		96
6) Aniline	6.48	93	447571	23.309	ng	#	65
8) 2-Chlorophenol	6.60	128	520554	45.496	ng		97
9) Benzaldehyde	6.36	77	211499	21.944	ng		97
10) Phenol	6.47	94	621354	39.577	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	507608	42.898	ng		99
12) 1,3-Dichlorobenzene	6.76	146	536850	42.037	ng		97
13) 1,4-Dichlorobenzene	6.83	146	540066	42.116	ng		97
14) 1,2-Dichlorobenzene	6.99	146	518233	43.870	ng		99
15) Benzyl Alcohol	6.96	79	463660	46.269	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770610	40.470	ng		92
17) 2-Methylphenol	7.08	107	427943	43.957	ng		98
18) Hexachloroethane	7.33	117	200263	43.616	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	356502	41.956	ng		100
20) 3+4-Methylphenols	7.23	107	493946	42.229	ng		94
22) Acetophenone	7.23	105	676457	41.021	ng	#	98
24) Nitrobenzene	7.40	77	556731	42.522	ng		99
25) Isophorone	7.65	82	1012960	41.569	ng		99
26) 2-Nitrophenol	7.72	139	272682	44.441	ng		99
27) 2,4-Dimethylphenol	7.76	122	452609	41.610	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	634972	42.091	ng		99
29) 2,4-Dichlorophenol	7.97	162	428108	43.212	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	441339	42.297	ng		99
31) Naphthalene	8.13	128	1426683	41.582	ng		100
32) Benzoic acid	7.86	122	50777	12.288	ng		99
33) 4-Chloroaniline	8.17	127	283848	19.085	ng		97
34) Hexachlorobutadiene	8.24	225	268836	43.895	ng		99
35) Caprolactam	8.57	113	140042m	42.446	ng		
36) 4-Chloro-3-methylphenol	8.67	107	478951	44.877	ng		97
37) 2-Methylnaphthalene	8.82	142	966153	42.969	ng		99
38) 1-Methylnaphthalene	8.92	142	887191	42.396	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	446640	41.808	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	422390	69.235	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	318471	43.736	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	332513	43.195	ng		98
46) 1,1'-Biphenyl	9.29	154	1132161	41.350	ng		100
47) 2-Chloronaphthalene	9.31	162	876693	40.633	ng		99
48) 2-Nitroaniline	9.41	65	314641	46.928	ng		98
49) Acenaphthylene	9.73	152	1394511	42.066	ng		99
50) Dimethylphthalate	9.59	163	1328893	53.610	ng		99
51) 2,6-Dinitrotoluene	9.65	165	247730	46.927	ng		96
52) Acenaphthene	9.90	154	822382	39.276	ng		99
53) 3-Nitroaniline	9.82	138	177834	29.080	ng		95
54) 2,4-Dinitrophenol	9.93	184	101352	38.570	ng		96
55) Dibenzofuran	10.07	168	1231227	41.755	ng		100
56) 4-Nitrophenol	10.00	139	394028	80.793	ng		91
57) 2,4-Dinitrotoluene	10.06	165	324119	48.803	ng		93
58) Fluorene	10.42	166	949437	42.105	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	274680	43.891	ng		99
60) Diethylphthalate	10.29	149	1062251	43.953	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	467886	43.315	ng		99
62) 4-Nitroaniline	10.45	138	255651	42.103	ng		95
63) Azobenzene	10.57	77	1075273	41.780	ng		100
65) 4,6-Dinitro-2-methylphenol	10.47	198	124134	33.932	ng		91
66) n-Nitrosodiphenylamine	10.53	169	932719	42.455	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	321170	44.051	ng		99
68) Hexachlorobenzene	10.96	284	362564	44.065	ng		99
69) Atrazine	11.06	200	231121	42.344	ng		98
70) Pentachlorophenol	11.16	266	294913	65.265	ng		98
71) Phenanthrene	11.38	178	1469463	42.117	ng		99
72) Anthracene	11.43	178	1510946	41.965	ng		100
73) Carbazole	11.59	167	1370607	42.184	ng		100
74) Di-n-butylphthalate	11.92	149	1583126	42.217	ng		100
75) Fluoranthene	12.57	202	1568290	42.108	ng		100
77) Benzidine	12.69	184	381429	25.305	ng	#	92
78) Pyrene	12.80	202	1563328	47.060	ng		100
80) Butylbenzylphthalate	13.42	149	657306	48.925	ng		99
81) Benzo(a)anthracene	13.99	228	1238551	43.058	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	210573	18.751	ng		99
83) Chrysene	14.03	228	1249735	42.905	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	819821	45.677	ng		99
85) Di-n-octyl phthalate	14.59	149	1347144	42.530	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1309669	50.600	ng		99
88) Benzo(b)fluoranthene	15.03	252	1255364	47.248	ng		99
89) Benzo(k)fluoranthene	15.07	252	1025745	42.158	ng		99
90) Benzo(a)pyrene	15.40	252	1028712	45.548	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1065372	49.447	ng		99
92) Benzo(g,h,i)perylene	17.37	276	1119312	52.850	ng		99

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

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