Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121573.D
Acq On : 15 Sep 2020 12:56
Operator : JU/CG
Sample : L3943-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 357MS

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:37 AM

Quant Time: Sep 15 13:45:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220308	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	864304	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	459874	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	820311	20.00	ng		0.00
76) Chrysene-d12	14.00	240	709900	20.00	ng		0.00
86) Perylene-d12	15.45	264	614743	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1241923	83.78	ng		0.02
7) Phenol-d6	6.48	99	1642746	84.47	ng		0.02
23) Nitrobenzene-d5	7.40	82	1145619	71.17	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	489455	85.63	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1974103	65.01	ng		0.00
79) Terphenyl-d14	12.95	244	2217768	63.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	247286	36.309	ng		100
3) Pyridine	3.40	79	704381	37.412	ng		98
4) n-Nitrosodimethylamine	3.36	42	349422	40.011	ng		98
6) Aniline	6.50	93	592011	23.372	ng	#	80
8) 2-Chlorophenol	6.62	128	638131	42.279	ng		99
9) Benzaldehyde	6.38	77	345688	27.189	ng		99
10) Phenol	6.49	94	794432	38.359	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	663160	42.485	ng		99
12) 1,3-Dichlorobenzene	6.77	146	663243	39.370	ng		98
13) 1,4-Dichlorobenzene	6.85	146	676300	39.981	ng		99
14) 1,2-Dichlorobenzene	7.00	146	653087	41.911	ng		98
15) Benzyl Alcohol	6.98	79	566253	42.836	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1003422	39.948	ng		86
17) 2-Methylphenol	7.10	107	518304	40.359	ng		94
18) Hexachloroethane	7.35	117	243557	40.212	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	453310	40.442	ng		99
20) 3+4-Methylphenols	7.25	107	619271	40.135	ng	#	88
22) Acetophenone	7.25	105	841648	38.381	ng		97
24) Nitrobenzene	7.42	77	698460	40.117	ng		99
25) Isophorone	7.66	82	1282168	39.568	ng		99
26) 2-Nitrophenol	7.73	139	326388	40.257	ng		97
27) 2,4-Dimethylphenol	7.77	122	547732	37.867	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	811422	40.448	ng		100
29) 2,4-Dichlorophenol	7.98	162	536453	40.719	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	548872	39.558	ng		99
31) Naphthalene	8.14	128	1771784	38.833	ng		100
32) Benzoic acid	7.92	122	414478	39.792	ng		97
33) 4-Chloroaniline	8.19	127	365008	18.456	ng		98
34) Hexachlorobutadiene	8.26	225	326079	40.038	ng		99
35) Caprolactam	8.57	113	186569m	42.525	ng		
36) 4-Chloro-3-methylphenol	8.68	107	589451	41.533	ng		98
37) 2-Methylnaphthalene	8.83	142	1182087	39.535	ng		99
38) 1-Methylnaphthalene	8.93	142	1096245	39.395	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	545978	38.008	ng		99

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Quant Time: Sep 15 13:45:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	465582	56.754	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	396352	40.480	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	427088	41.260	ng		94
46) 1,1'-Biphenyl	9.29	154	1394561	37.879	ng		99
47) 2-Chloronaphthalene	9.32	162	1009518	34.797	ng		99
48) 2-Nitroaniline	9.42	65	396138	43.940	ng		98
49) Acenaphthylene	9.73	152	1722457	38.641	ng		99
50) Dimethylphthalate	9.60	163	1729426	51.886	ng		98
51) 2,6-Dinitrotoluene	9.66	165	308213	43.420	ng	#	88
52) Acenaphthene	9.90	154	1160210m	41.208	ng		
53) 3-Nitroaniline	9.83	138	215035	26.150	ng		96
54) 2,4-Dinitrophenol	9.93	184	239050	60.833	ng		93
55) Dibenzofuran	10.08	168	1522870	38.409	ng		100
56) 4-Nitrophenol	10.01	139	523102	79.767	ng		96
57) 2,4-Dinitrotoluene	10.06	165	407642	45.647	ng		97
58) Fluorene	10.42	166	1095921	36.144	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	348576	41.423	ng		98
60) Diethylphthalate	10.30	149	1334489	41.065	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	535007	36.834	ng		96
62) 4-Nitroaniline	10.45	138	288022	35.277	ng		98
63) Azobenzene	10.57	77	1274662	36.833	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	161685	34.387	ng		97
66) n-Nitrosodiphenylamine	10.53	169	1074204	38.170	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	372140	39.845	ng		95
68) Hexachlorobenzene	10.97	284	410491	38.946	ng		95
69) Atrazine	11.06	200	269026	38.477	ng		99
70) Pentachlorophenol	11.17	266	441475	76.268	ng		99
71) Phenanthrene	11.38	178	1710134	38.263	ng		100
72) Anthracene	11.43	178	1722430	37.345	ng		99
73) Carbazole	11.59	167	1595941	38.345	ng		99
74) Di-n-butylphthalate	11.92	149	1979272	41.203	ng		100
75) Fluoranthene	12.57	202	2004433	42.012	ng		99
77) Benzidine	12.69	184	480693	20.425	ng		100
78) Pyrene	12.80	202	2020896	38.963	ng		100
80) Butylbenzylphthalate	13.42	149	945431	45.070	ng		99
81) Benzo(a)anthracene	13.99	228	1737813	38.694	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	562113	32.059	ng		100
83) Chrysene	14.03	228	1735431	38.159	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1259249	44.936	ng		100
85) Di-n-octyl phthalate	14.59	149	2286880	46.241	ng		100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1606814	40.136	ng		100
88) Benzo(b)fluoranthene	15.03	252	1837125	44.703	ng		99
89) Benzo(k)fluoranthene	15.06	252	1493068	39.674	ng		98
90) Benzo(a)pyrene	15.39	252	1450881	41.533	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1332639	39.989	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1324543	40.434	ng		98

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

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