Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122410.D
Acq On : 20 Nov 2020 18:46
Operator : JU/CG
Sample : L4832-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-33-2-WCMS

Manual Integrations APPROVED
mohammad
11/23/2020 1:30:23 PM

Quant Time: Nov 20 23:53:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	200874	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	782955	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	430983	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	829583	20.00	ng		0.00
76) Chrysene-d12	14.051	240	772201	20.00	ng		# 0.00
86) Perylene-d12	15.527	264	828619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1061355	81.13	ng		0.00
7) Phenol-d6	6.498	99	1362223	79.60	ng		-0.01
23) Nitrobenzene-d5	7.428	82	840137	65.69	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	449964	97.28	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1655147	60.00	ng		0.00
79) Terphenyl-d14	12.986	244	1964607	53.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	225564	37.60	ng		89
3) Pyridine	3.404	79	634159	38.43	ng		89
4) n-Nitrosodimethylamine	3.352	42	282003	36.25	ng		90
6) Aniline	6.522	93	440780	19.63	ng	#	85
8) 2-Chlorophenol	6.651	128	630332	46.46	ng		90
9) Benzaldehyde	6.410	77	89895	6.83	ng		91
10) Phenol	6.516	94	857470	50.88	ng		85
11) bis(2-Chloroethyl)ether	6.598	93	586457	43.78	ng		92
12) 1,3-Dichlorobenzene	6.804	146	674813	43.81	ng		96
13) 1,4-Dichlorobenzene	6.881	146	681406	44.04	ng		98
14) 1,2-Dichlorobenzene	7.034	146	660902	45.77	ng		99
15) Benzyl Alcohol	7.004	79	539466	44.34	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	795785	40.76	ng		96
17) 2-Methylphenol	7.122	107	506702	44.75	ng		99
18) Hexachloroethane	7.381	117	240758	44.68	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	421531	41.22	ng		92
20) 3+4-Methylphenols	7.275	107	618326	44.37	ng		98
22) Acetophenone	7.275	105	801938	39.32	ng		93
24) Nitrobenzene	7.445	77	647778	44.27	ng		96
25) Isophorone	7.687	82	1158655	40.64	ng		97
26) 2-Nitrophenol	7.763	139	320386	50.09	ng		99
27) 2,4-Dimethylphenol	7.804	122	554733	41.25	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	733588	42.07	ng		99
29) 2,4-Dichlorophenol	8.010	162	543896	45.68	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	573763	43.66	ng		96
31) Naphthalene	8.175	128	1765858	42.42	ng		99
32) Benzoic acid	7.904	122	180790	28.22	ng		99
33) 4-Chloroaniline	8.222	127	228489	12.60	ng	#	94
34) Hexachlorobutadiene	8.292	225	336315	44.53	ng		99
35) Caprolactam	8.586	113	161939m	42.91	ng		
36) 4-Chloro-3-methylphenol	8.710	107	565404	45.53	ng		95
37) 2-Methylnaphthalene	8.869	142	1206086	43.86	ng		98
38) 1-Methylnaphthalene	8.969	142	1121091	43.55	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	560242	42.19	ng		99
41) Hexachlorocyclopentadiene	9.022	237	668679	86.11	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	397056	46.04	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	422670	46.75	ng		98
46) 1,1'-Biphenyl	9.334	154	1442386	42.04	ng		98
47) 2-Chloronaphthalene	9.357	162	1146644	42.11	ng		96
48) 2-Nitroaniline	9.451	65	347695	43.42	ng		90
49) Acenaphthylene	9.775	152	1784666	42.65	ng		99
50) Dimethylphthalate	9.633	163	1410972	46.06	ng		100
51) 2,6-Dinitrotoluene	9.692	165	316190	46.51	ng	#	84
52) Acenaphthene	9.945	154	1186579	45.81	ng		99
53) 3-Nitroaniline	9.857	138	183308	25.42	ng		98
54) 2,4-Dinitrophenol	9.969	184	206693	75.41	ng		93
55) Dibenzofuran	10.116	168	1638424	43.17	ng		100
56) 4-Nitrophenol	10.028	139	551448	82.36	ng		94
57) 2,4-Dinitrotoluene	10.098	165	428294	49.67	ng	#	82
58) Fluorene	10.463	166	1251515	43.07	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	363392	48.33	ng		96
60) Diethylphthalate	10.333	149	1333166	44.36	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	614088	44.76	ng		97
62) 4-Nitroaniline	10.480	138	327207	43.42	ng		97
63) Azobenzene	10.610	77	1277821	40.53	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	176285	49.14	ng		95
66) n-Nitrosodiphenylamine	10.569	169	1159515	41.02	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	422628	43.35	ng		96
68) Hexachlorobenzene	11.010	284	467378	44.37	ng		96
69) Atrazine	11.098	200	333402	47.36	ng		99
70) Pentachlorophenol	11.204	266	497831	82.04	ng		98
71) Phenanthrene	11.427	178	1948239	41.39	ng		99
72) Anthracene	11.475	178	2013042	41.50	ng		99
73) Carbazole	11.633	167	1833952	41.56	ng		99
74) Di-n-butylphthalate	11.963	149	2079339	44.20	ng		100
75) Fluoranthene	12.616	202	2136198	43.47	ng		98
77) Benzidine	12.733	184	872103	40.72	ng		99
78) Pyrene	12.845	202	2175236	40.10	ng		99
80) Butylbenzylphthalate	13.469	149	945598	43.78	ng		89
81) Benzo(a)anthracene	14.039	228	1999825	41.64	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	391350	21.87	ng		97
83) Chrysene	14.074	228	1999930	41.35	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	1218018	46.56	ng		98
85) Di-n-octyl phthalate	14.645	149	2220848	50.10	ng		96
87) Indeno(1,2,3-cd)pyrene	17.009	276	2314619	46.55	ng		99
88) Benzo(b)fluoranthene	15.098	252	2264313	42.19	ng		99
89) Benzo(k)fluoranthene	15.127	252	2070996	39.58	ng		98
90) Benzo(a)pyrene	15.468	252	1968887	42.08	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1877193	45.08	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1871249	46.20	ng		99

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

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