Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122346.D
Acq On : 17 Nov 2020 15:15
Operator : JU/CG
Sample : L4586-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

Manual Integrations APPROVED
mohammad
11/19/2020 10:28:45 AM

Quant Time: Nov 17 16:14:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	251045	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	984865	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	540763	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1029679	20.00	ng		0.00
76) Chrysene-d12	14.033	240	824142	20.00	ng		0.00
86) Perylene-d12	15.498	264	736692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2209089	135.12	ng		0.01
7) Phenol-d6	6.493	99	2941606	137.53	ng		0.00
23) Nitrobenzene-d5	7.434	82	1812621	112.67	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	908882	156.60	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2993296	86.49	ng		0.00
79) Terphenyl-d14	12.980	244	3410380	87.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	326180	43.50	ng		92
3) Pyridine	3.434	79	926482	44.93	ng		91
4) n-Nitrosodimethylamine	3.381	42	453569	46.66	ng		96
6) Aniline	6.528	93	789444	28.13	ng		95
8) 2-Chlorophenol	6.651	128	888540	52.41	ng		89
9) Benzaldehyde	6.410	77	157374	10.42	ng		95
10) Phenol	6.504	94	1134089	53.84	ng		80
11) bis(2-Chloroethyl)ether	6.598	93	815880	48.73	ng		96
12) 1,3-Dichlorobenzene	6.810	146	925705	48.09	ng		95
13) 1,4-Dichlorobenzene	6.881	146	928673	48.03	ng		98
14) 1,2-Dichlorobenzene	7.034	146	898746	49.80	ng		97
15) Benzyl Alcohol	7.004	79	763241	50.19	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1157078	47.42	ng		98
17) 2-Methylphenol	7.116	107	724525	51.20	ng		99
18) Hexachloroethane	7.381	117	327841	48.69	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	614434	48.07	ng		96
20) 3+4-Methylphenols	7.269	107	885973	50.87	ng	#	81
22) Acetophenone	7.275	105	1130173	44.06	ng	#	91
24) Nitrobenzene	7.451	77	929184	50.48	ng		93
25) Isophorone	7.687	82	1626454	45.35	ng		99
26) 2-Nitrophenol	7.763	139	448438	54.97	ng		98
27) 2,4-Dimethylphenol	7.798	122	801131	47.36	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1012633	46.16	ng		99
29) 2,4-Dichlorophenol	8.004	162	755938	50.47	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	771625	46.68	ng		96
31) Naphthalene	8.175	128	2410173	46.03	ng		98
32) Benzoic acid	7.928	122	565815	58.36	ng		98
33) 4-Chloroaniline	8.216	127	318109	13.95	ng		96
34) Hexachlorobutadiene	8.292	225	444285	46.76	ng		99
35) Caprolactam	8.592	113	257655m	54.28	ng		
36) 4-Chloro-3-methylphenol	8.698	107	795499	50.93	ng		96
37) 2-Methylnaphthalene	8.863	142	1633172	47.21	ng		99
38) 1-Methylnaphthalene	8.963	142	1510253	46.64	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	742596	44.56	ng		99
41) Hexachlorocyclopentadiene	9.022	237	857944	88.06	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	553433	51.14	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	590507	52.05	ng		99
46) 1,1'-Biphenyl	9.334	154	1916051	44.51	ng		98
47) 2-Chloronaphthalene	9.357	162	1554416	45.50	ng		97
48) 2-Nitroaniline	9.445	65	511548	50.02	ng		96
49) Acenaphthylene	9.775	152	2422848	46.14	ng		99
50) Dimethylphthalate	9.634	163	2407037	62.62	ng		98
51) 2,6-Dinitrotoluene	9.692	165	436467	50.78	ng	#	84
52) Acenaphthene	9.945	154	1671791	51.44	ng		99
53) 3-Nitroaniline	9.857	138	287948	30.92	ng		91
54) 2,4-Dinitrophenol	9.963	184	387212	95.39	ng		91
55) Dibenzofuran	10.116	168	2223578	46.70	ng		100
56) 4-Nitrophenol	10.022	139	814834	96.03	ng		94
57) 2,4-Dinitrotoluene	10.092	165	592964	54.32	ng		95
58) Fluorene	10.457	166	1685739	46.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	512857	54.36	ng		98
60) Diethylphthalate	10.333	149	1756365	46.58	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	806587	46.86	ng		99
62) 4-Nitroaniline	10.475	138	472107	49.42	ng		97
63) Azobenzene	10.610	77	1778458	44.96	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	275990	57.27	ng		88
66) n-Nitrosodiphenylamine	10.569	169	1578713	45.00	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	566923	46.85	ng		99
68) Hexachlorobenzene	11.004	284	625683	47.86	ng		98
69) Atrazine	11.092	200	447378	51.20	ng		98
70) Pentachlorophenol	11.198	266	756486	100.44	ng		99
71) Phenanthrene	11.422	178	2615164	44.76	ng		97
72) Anthracene	11.475	178	2682948	44.56	ng		99
73) Carbazole	11.622	167	2524659	46.09	ng		98
74) Di-n-butylphthalate	11.957	149	2693571	46.13	ng		99
75) Fluoranthene	12.610	202	2831294	46.42	ng		98
77) Benzidine	12.722	184	541185	23.68	ng		99
78) Pyrene	12.839	202	2867186	49.52	ng		98
80) Butylbenzylphthalate	13.457	149	1185495	50.85	ng		95
81) Benzo(a)anthracene	14.021	228	2355960	45.97	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	564029	29.53	ng		98
83) Chrysene	14.063	228	2415140	46.78	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1364145	48.86	ng		98
85) Di-n-octyl phthalate	14.627	149	2262192	47.81	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2386258	53.98	ng		100
88) Benzo(b)fluoranthene	15.074	252	2260497	47.38	ng		99
89) Benzo(k)fluoranthene	15.104	252	2191552	47.11	ng		97
90) Benzo(a)pyrene	15.439	252	2002417	48.14	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	1958686	52.90	ng		99
92) Benzo(g,h,i)perylene	17.421	276	2035377	56.53	ng		98

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

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