Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122448.D
Acq On : 23 Nov 2020 15:43
Operator : JU/CG
Sample : L4836-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08MS

Manual Integrations APPROVED
mohammad
11/25/2020 12:50:58 PM

Quant Time: Nov 23 16:36:55 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	193584	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	733100	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	383325	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	704720	20.00	ng	0.00
76) Chrysene-d12	14.045	240	539748	20.00	ng	0.00
86) Perylene-d12	15.521	264	489124	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1202032	95.35	ng	0.00
7) Phenol-d6	6.504	99	1543666	93.60	ng	0.00
23) Nitrobenzene-d5	7.428	82	982610	82.06	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	468951	113.98	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1772473	72.25	ng	0.00
79) Terphenyl-d14	12.986	244	1806410	70.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	202971	35.11	ng	88
3) Pyridine	3.428	79	561698	35.32	ng	91
4) n-Nitrosodimethylamine	3.381	42	253016	33.75	ng	91
6) Aniline	6.528	93	412053	19.04	ng	99
8) 2-Chlorophenol	6.651	128	551291	42.17	ng	90
9) Benzaldehyde	6.410	77	70554	5.22	ng	91
10) Phenol	6.516	94	766080	47.17	ng	81
11) bis(2-Chloroethyl)ether	6.598	93	511969	39.66	ng	93
12) 1,3-Dichlorobenzene	6.804	146	597020	40.22	ng	98
13) 1,4-Dichlorobenzene	6.881	146	601949	40.37	ng	99
14) 1,2-Dichlorobenzene	7.034	146	581381	41.78	ng	99
15) Benzyl Alcohol	7.010	79	465689	39.71	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	668208	35.51	ng	95
17) 2-Methylphenol	7.122	107	441628	40.47	ng	99
18) Hexachloroethane	7.381	117	211554	40.74	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	362608	36.79	ng	93
20) 3+4-Methylphenols	7.275	107	522584	38.91	ng	99
22) Acetophenone	7.275	105	701396	36.73	ng	94
24) Nitrobenzene	7.445	77	568698	41.51	ng	97
25) Isophorone	7.687	82	989345	37.06	ng	97
26) 2-Nitrophenol	7.763	139	283036	47.64	ng	98
27) 2,4-Dimethylphenol	7.804	122	473002	37.56	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	626076	38.34	ng	99
29) 2,4-Dichlorophenol	8.010	162	465797	41.78	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	500947	40.71	ng	97
31) Naphthalene	8.175	128	1551046	39.80	ng	100
32) Benzoic acid	7.928	122	343694	49.09	ng	99
33) 4-Chloroaniline	8.222	127	187184	11.03	ng	96
34) Hexachlorobutadiene	8.292	225	292852	41.41	ng	99
35) Caprolactam	8.587	113	141385m	40.01	ng	
36) 4-Chloro-3-methylphenol	8.710	107	477621	41.08	ng	93
37) 2-Methylnaphthalene	8.869	142	1041039	40.43	ng	99
38) 1-Methylnaphthalene	8.963	142	961911	39.91	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	478121	40.48	ng	99
41) Hexachlorocyclopentadiene	9.022	237	544672	78.86	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	335518	43.74	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	356953	44.39	ng		100
46) 1,1'-Biphenyl	9.334	154	1230977	40.34	ng		97
47) 2-Chloronaphthalene	9.357	162	987555	40.78	ng		97
48) 2-Nitroaniline	9.451	65	290070	41.05	ng		90
49) Acenaphthylene	9.775	152	1514063	40.68	ng		100
50) Dimethylphthalate	9.634	163	1179916	43.30	ng		100
51) 2,6-Dinitrotoluene	9.692	165	260748	43.40	ng	#	84
52) Acenaphthene	9.945	154	1033919	44.88	ng		99
53) 3-Nitroaniline	9.863	138	165973	25.81	ng		87
54) 2,4-Dinitrophenol	9.969	184	232698	86.64	ng		93
55) Dibenzofuran	10.116	168	1380070	40.89	ng		100
56) 4-Nitrophenol	10.028	139	443657	75.01	ng		94
57) 2,4-Dinitrotoluene	10.092	165	351637	46.22	ng		92
58) Fluorene	10.457	166	1058671	40.96	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	307457	45.97	ng		97
60) Diethylphthalate	10.333	149	1073277	40.15	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	504767	41.37	ng		95
62) 4-Nitroaniline	10.475	138	249025	37.64	ng		98
63) Azobenzene	10.610	77	1038304	37.03	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	159766	51.29	ng		91
66) n-Nitrosodiphenylamine	10.569	169	948275	39.49	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	335148	40.47	ng		94
68) Hexachlorobenzene	11.010	284	370950	41.46	ng		95
69) Atrazine	11.098	200	253122	42.33	ng		99
70) Pentachlorophenol	11.204	266	440686	85.49	ng		98
71) Phenanthrene	11.422	178	1725775	43.16	ng		99
72) Anthracene	11.475	178	1676832	40.69	ng		100
73) Carbazole	11.628	167	1472824	39.29	ng		100
74) Di-n-butylphthalate	11.963	149	1586384	39.69	ng		100
75) Fluoranthene	12.616	202	1946969	46.64	ng		98
77) Benzidine	12.739	184	552827	36.93	ng		100
78) Pyrene	12.845	202	1971661	52.00	ng		99
80) Butylbenzylphthalate	13.463	149	648231	43.00	ng		98
81) Benzo(a)anthracene	14.033	228	1502529	44.76	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	380028	30.38	ng		99
83) Chrysene	14.074	228	1485944	43.95	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	803484	43.95	ng		97
85) Di-n-octyl phthalate	14.645	149	1326166	42.80	ng		96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1464049	49.88	ng		99
88) Benzo(b)fluoranthene	15.092	252	1374447	43.39	ng		99
89) Benzo(k)fluoranthene	15.121	252	1292536	41.84	ng		98
90) Benzo(a)pyrene	15.463	252	1230194	44.55	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1149490	46.76	ng		100
92) Benzo(g,h,i)perylene	17.451	276	1274741	53.32	ng		97

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

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