Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122329.D
Acq On : 13 Nov 2020 15:06
Operator : JU/CG
Sample : L4586-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/19/2020 10:27:35 AM

Quant Time: Nov 13 15:31:58 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	228357	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	896310	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	484234	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	887616	20.00	ng		0.00
76) Chrysene-d12	14.033	240	789287	20.00	ng		0.00
86) Perylene-d12	15.498	264	804810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2015344	135.51	ng		0.00
7) Phenol-d6	6.493	99	2627622	135.06	ng		0.00
23) Nitrobenzene-d5	7.428	82	1656309	113.13	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	770432	148.24	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2775577	89.56	ng		0.00
79) Terphenyl-d14	12.980	244	3104293	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	295346	43.30	ng		92
3) Pyridine	3.404	79	849329	45.28	ng		91
4) n-Nitrosodimethylamine	3.352	42	413120	46.72	ng		96
6) Aniline	6.528	93	679075	26.60	ng		96
8) 2-Chlorophenol	6.645	128	800519	51.90	ng		94
9) Benzaldehyde	6.410	77	143480	10.45	ng		95
10) Phenol	6.504	94	1007012	52.56	ng		78
11) bis(2-Chloroethyl)ether	6.598	93	758298	49.80	ng		96
12) 1,3-Dichlorobenzene	6.810	146	852451	48.69	ng		95
13) 1,4-Dichlorobenzene	6.887	146	856410	48.69	ng		96
14) 1,2-Dichlorobenzene	7.040	146	826169	50.33	ng		98
15) Benzyl Alcohol	7.004	79	693212	50.12	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1097308	49.44	ng		98
17) 2-Methylphenol	7.116	107	649844	50.48	ng		98
18) Hexachloroethane	7.381	117	308757	50.41	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	569890	49.02	ng		95
20) 3+4-Methylphenols	7.269	107	795760	50.23	ng	#	83
22) Acetophenone	7.275	105	1041849	44.63	ng	#	89
24) Nitrobenzene	7.451	77	849914	50.74	ng		92
25) Isophorone	7.687	82	1490311	45.66	ng		97
26) 2-Nitrophenol	7.763	139	392789	53.16	ng		98
27) 2,4-Dimethylphenol	7.798	122	715681	46.49	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	948786	47.53	ng		99
29) 2,4-Dichlorophenol	8.004	162	675943	49.59	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	714604	47.50	ng		95
31) Naphthalene	8.175	128	2194116	46.04	ng		98
32) Benzoic acid	7.881	122	182401m	25.81	ng		
33) 4-Chloroaniline	8.216	127	290460	14.00	ng		96
34) Hexachlorobutadiene	8.292	225	415825	48.09	ng		99
35) Caprolactam	8.586	113	211279m	48.90	ng		
36) 4-Chloro-3-methylphenol	8.698	107	705559	49.63	ng		95
37) 2-Methylnaphthalene	8.863	142	1496455	47.53	ng		99
38) 1-Methylnaphthalene	8.963	142	1398172	47.45	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	674616	45.21	ng		99
41) Hexachlorocyclopentadiene	9.022	237	826742	94.76	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	485277	50.08	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	506189	49.83	ng		98
46) 1,1'-Biphenyl	9.328	154	1785600	46.33	ng		99
47) 2-Chloronaphthalene	9.351	162	1422542	46.50	ng		99
48) 2-Nitroaniline	9.445	65	449800	49.21	ng		93
49) Acenaphthylene	9.769	152	2206575	46.93	ng		98
50) Dimethylphthalate	9.633	163	2188827	63.59	ng		99
51) 2,6-Dinitrotoluene	9.686	165	383804	49.94	ng		95
52) Acenaphthene	9.945	154	1402459	48.19	ng		100
53) 3-Nitroaniline	9.851	138	253123	30.42	ng		98
54) 2,4-Dinitrophenol	9.957	184	171481	62.93	ng	#	84
55) Dibenzofuran	10.116	168	1989435	46.66	ng		99
56) 4-Nitrophenol	10.010	139	668766	88.47	ng		93
57) 2,4-Dinitrotoluene	10.092	165	522754	53.55	ng	#	87
58) Fluorene	10.457	166	1515664	46.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	416854	49.34	ng		99
60) Diethylphthalate	10.333	149	1630384	48.29	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	735678	47.73	ng		97
62) 4-Nitroaniline	10.469	138	415309	48.61	ng		96
63) Azobenzene	10.610	77	1649868	46.58	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	159673	44.00	ng		91
66) n-Nitrosodiphenylamine	10.569	169	1425219	47.13	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	506298	48.54	ng		98
68) Hexachlorobenzene	11.004	284	546773	48.52	ng		97
69) Atrazine	11.092	200	396220	52.61	ng		98
70) Pentachlorophenol	11.192	266	531419	81.85	ng		98
71) Phenanthrene	11.416	178	2340822	46.48	ng		97
72) Anthracene	11.469	178	2407093	46.38	ng		98
73) Carbazole	11.622	167	2205023	46.70	ng		99
74) Di-n-butylphthalate	11.957	149	2480955	49.29	ng		99
75) Fluoranthene	12.604	202	2521402	47.96	ng		98
77) Benzidine	12.722	184	917904	41.93	ng		97
78) Pyrene	12.833	202	2575617	46.45	ng		98
80) Butylbenzylphthalate	13.457	149	1093882	49.11	ng		94
81) Benzo(a)anthracene	14.021	228	2265580	46.15	ng		98
82) 3,3'-Dichlorobenzidine	13.980	252	345065	18.86	ng		99
83) Chrysene	14.063	228	2323518	47.00	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1339970	50.12	ng		97
85) Di-n-octyl phthalate	14.627	149	2459825	54.29	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2573520	53.29	ng		99
88) Benzo(b)fluoranthene	15.074	252	2445551	46.92	ng		100
89) Benzo(k)fluoranthene	15.104	252	2299702	45.25	ng		97
90) Benzo(a)pyrene	15.439	252	2161096	47.56	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	2096481	51.83	ng		99
92) Benzo(g,h,i)perylene	17.415	276	2160944	54.94	ng		99

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

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