Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118685.D
Acq On : 24 Jan 2020 15:00
Operator : CG/JU
Sample : L1241-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Manual Integrations APPROVED
mohammad
1/28/2020 8:12:10 AM

Quant Time: Jan 27 01:29:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273139	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	1080289	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	575504	20.00	ng		-0.03
64) Phenanthrene-d10	11.38	188	1013551	20.00	ng		-0.03
76) Chrysene-d12	14.02	240	566548	20.00	ng		-0.03
87) Perylene-d12	15.47	264	627117	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1605728	109.18	ng		0.00
7) Phenol-d6	6.49	99	2011384	105.23	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1387444	71.84	ng		-0.02
42) 2,4,6-Tribromophenol	10.69	330	714294	107.31	ng		-0.02
45) 2-Fluorobiphenyl	9.22	172	2624290	74.95	ng		-0.02
79) Terphenyl-d14	12.96	244	2825743	108.79	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	303603	42.622	ng		97
3) Pyridine	3.47	79	782962	38.998	ng		97
4) n-Nitrosodimethylamine	3.37	42	352797	40.988	ng		83
6) Aniline	6.52	93	714687	28.395	ng		99
8) 2-Chlorophenol	6.65	128	820815	49.725	ng		95
9) Benzaldehyde	6.41	77	415371	35.731	ng		94
10) Phenol	6.51	94	1024548	47.033	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	756313	46.796	ng		95
12) 1,3-Dichlorobenzene	6.80	146	892139	46.175	ng		99
13) 1,4-Dichlorobenzene	6.88	146	907938	46.814	ng		98
14) 1,2-Dichlorobenzene	7.04	146	846506	46.429	ng		98
15) Benzyl Alcohol	7.00	79	696386	45.940	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	992404	44.084	ng		99
17) 2-Methylphenol	7.12	107	703416	51.158	ng		96
18) Hexachloroethane	7.38	117	335855	47.756	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	573127	44.405	ng		98
20) 3+4-Methylphenols	7.27	107	826398	49.227	ng		95
22) Acetophenone	7.27	105	1093953	42.747	ng	#	93
24) Nitrobenzene	7.45	77	880888	44.544	ng		94
25) Isophorone	7.69	82	1603198	45.510	ng		97
26) 2-Nitrophenol	7.76	139	468077	55.504	ng		93
27) 2,4-Dimethylphenol	7.80	122	741398	50.911	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	993571	43.773	ng		99
29) 2,4-Dichlorophenol	8.00	162	750750	46.635	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	851013	45.592	ng		99
31) Naphthalene	8.17	128	2387277	48.919	ng		99
32) Benzoic acid	7.92	122	511872	46.835	ng		94
33) 4-Chloroaniline	8.21	127	277640	12.309	ng		98
34) Hexachlorobutadiene	8.29	225	487805	42.914	ng		99
35) Caprolactam	8.58	113	247874m	47.051	ng		
36) 4-Chloro-3-methylphenol	8.69	107	744580	46.838	ng		97
37) 2-Methylnaphthalene	8.86	142	1667425	48.407	ng		99
38) 1-Methylnaphthalene	8.96	142	1521193	46.484	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	792438	44.007	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	858152	94.456	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	565009	47.284	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	587580	48.148	ng		97
46) 1,1'-Biphenyl	9.32	154	1936530	48.824	ng		98
47) 2-Chloronaphthalene	9.35	162	1559880	46.659	ng		98
48) 2-Nitroaniline	9.44	65	424586	41.315	ng	#	84
49) Acenaphthylene	9.76	152	2360732	50.195	ng		97
50) Dimethylphthalate	9.62	163	2072626	55.278	ng		99
51) 2,6-Dinitrotoluene	9.68	165	422219	50.287	ng	#	78
52) Acenaphthene	9.93	154	1588621	50.515	ng		98
53) 3-Nitroaniline	9.85	138	228510	23.835	ng		98
54) 2,4-Dinitrophenol	9.95	184	364249	108.668	ng	#	36
55) Dibenzofuran	10.10	168	2132549	48.932	ng		96
56) 4-Nitrophenol	10.01	139	669376	92.487	ng		86
57) 2,4-Dinitrotoluene	10.08	165	546297	51.613	ng		98
58) Fluorene	10.45	166	1591775	46.524	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	503763	46.932	ng		97
60) Diethylphthalate	10.32	149	1710750	47.058	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	857737	46.094	ng		98
62) 4-Nitroaniline	10.46	138	366506	37.269	ng		94
63) Azobenzene	10.60	77	1556856	44.219	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	271784	60.981	ng		78
66) n-Nitrosodiphenylamine	10.56	169	1500040	49.075	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	580771	46.380	ng	#	94
68) Hexachlorobenzene	11.00	284	652331	45.949	ng		95
69) Atrazine	11.08	200	480699	45.373	ng		99
70) Pentachlorophenol	11.19	266	689016	87.293	ng		98
71) Phenanthrene	11.41	178	2360835	48.281	ng		95
72) Anthracene	11.46	178	2410844	49.827	ng		95
73) Carbazole	11.61	167	2034931	45.853	ng		97
74) Di-n-butylphthalate	11.94	149	2463175	49.956	ng		98
75) Fluoranthene	12.59	202	2334432	45.264	ng		97
77) Benzidine	12.71	184	940689	62.142	ng		98
78) Pyrene	12.82	202	2290990	59.563	ng		95
80) Butylbenzylphthalate	13.44	149	893980	56.791	ng		94
81) Benzo(a)anthracene	14.00	228	1669732	48.993	ng		97
82) 3,3'-Dichlorobenzidine	13.96	252	379078	31.215	ng		98
83) Chrysene	14.04	228	1664789	50.968	ng		94
84) Bis(2-ethylhexyl)phthalate	14.00	149	1121295	58.304	ng		98
85) Di-n-octyl phthalate	14.60	149	1657255	58.217	ng		96
86) Indeno(1,2,3-cd)pyrene	16.94	276	2089341	73.618	ng		98
88) Benzo(b)fluoranthene	15.05	252	1636279	41.510	ng		99
89) Benzo(k)fluoranthene	15.08	252	1628318	44.587	ng		99
90) Benzo(a)pyrene	15.42	252	1553657	45.691	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1740770	57.874	ng		100
92) Benzo(g,h,i)perylene	17.39	276	1845471	63.191	ng		98

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

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