Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121843.D
Acq On : 6 Oct 2020 10:04
Operator : JU/CG
Sample : PB132042BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132042BS

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:30 AM

Quant Time: Oct 06 12:03:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139165	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	554397	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	301605	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	569401	20.00	ng		0.00
76) Chrysene-d12	13.93	240	457861	20.00	ng		0.00
86) Perylene-d12	15.36	264	392647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	919402	98.18	ng		0.01
7) Phenol-d6	6.42	99	1210233	98.51	ng		0.00
23) Nitrobenzene-d5	7.34	82	1039040	100.63	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	378710	101.03	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1802713	90.52	ng		0.00
79) Terphenyl-d14	12.87	244	1711069	75.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	158689	36.886	ng		99
3) Pyridine	3.32	79	353743	29.743	ng		99
4) n-Nitrosodimethylamine	3.27	42	208154	37.732	ng		99
6) Aniline	6.43	93	409613	25.600	ng	#	65
8) 2-Chlorophenol	6.56	128	384757	40.356	ng		96
9) Benzaldehyde	6.32	77	210623	26.225	ng		98
10) Phenol	6.43	94	477221	36.478	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	387600	39.310	ng		99
12) 1,3-Dichlorobenzene	6.70	146	405651	38.119	ng		99
13) 1,4-Dichlorobenzene	6.78	146	413333	38.682	ng		100
14) 1,2-Dichlorobenzene	6.93	146	371412	37.732	ng		97
15) Benzyl Alcohol	6.92	79	321042	38.447	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	599001	37.752	ng		66
17) 2-Methylphenol	7.03	107	327199	40.334	ng	#	94
18) Hexachloroethane	7.27	117	153381	40.089	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	280139	39.565	ng		99
20) 3+4-Methylphenols	7.19	107	391974	40.216	ng	#	81
22) Acetophenone	7.18	105	530844	37.739	ng		96
24) Nitrobenzene	7.35	77	426761	38.214	ng		99
25) Isophorone	7.59	82	785088	37.771	ng		100
26) 2-Nitrophenol	7.67	139	210420	40.449	ng		98
27) 2,4-Dimethylphenol	7.71	122	346948	37.394	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	495316	38.493	ng		99
29) 2,4-Dichlorophenol	7.92	162	332270	39.319	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	339960	38.197	ng		100
31) Naphthalene	8.07	128	1110350	37.940	ng		99
32) Benzoic acid	7.86	122	170979	28.066	ng		99
33) 4-Chloroaniline	8.12	127	355674	28.037	ng		99
34) Hexachlorobutadiene	8.19	225	202585	38.779	ng		99
35) Caprolactam	8.51	113	108429m	38.530	ng		
36) 4-Chloro-3-methylphenol	8.62	107	359052	39.441	ng		100
37) 2-Methylnaphthalene	8.76	142	741624	38.669	ng		99
38) 1-Methylnaphthalene	8.86	142	692182	38.779	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	350617	37.216	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	213242	39.635	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	230385	35.877	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	242306	35.693	ng		97
46) 1,1'-Biphenyl	9.23	154	893347	36.999	ng		100
47) 2-Chloronaphthalene	9.25	162	681932	35.840	ng		100
48) 2-Nitroaniline	9.35	65	243676	41.212	ng		98
49) Acenaphthylene	9.67	152	1087827	37.210	ng		100
50) Dimethylphthalate	9.53	163	834882	38.192	ng		99
51) 2,6-Dinitrotoluene	9.60	165	184062	39.537	ng		87
52) Acenaphthene	9.84	154	628654	34.046	ng		100
53) 3-Nitroaniline	9.76	138	148785	27.588	ng		100
54) 2,4-Dinitrophenol	9.89	184	175593	67.047	ng		96
55) Dibenzofuran	10.01	168	932284	35.852	ng		98
56) 4-Nitrophenol	9.95	139	236358	54.955	ng		86
57) 2,4-Dinitrotoluene	10.00	165	232235	39.652	ng		93
58) Fluorene	10.35	166	730459	36.733	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	205510	37.237	ng		98
60) Diethylphthalate	10.23	149	817647	38.364	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	367553	38.585	ng		99
62) 4-Nitroaniline	10.39	138	199309	37.221	ng		99
63) Azobenzene	10.50	77	843846	37.180	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	131724	39.170	ng		94
66) n-Nitrosodiphenylamine	10.47	169	712060	36.451	ng		100
67) 4-Bromophenyl-phenylether	10.83	248	244114	37.655	ng		99
68) Hexachlorobenzene	10.90	284	272481	37.244	ng		94
69) Atrazine	10.99	200	208054	42.869	ng		99
70) Pentachlorophenol	11.10	266	228523	56.876	ng		99
71) Phenanthrene	11.32	178	1100795	35.483	ng		99
72) Anthracene	11.37	178	1141746	35.663	ng		100
73) Carbazole	11.52	167	1046297	36.216	ng		100
74) Di-n-butylphthalate	11.85	149	1256251	37.675	ng		99
75) Fluoranthene	12.50	202	1214914	36.685	ng		97
77) Benzidine	12.62	184	462581	30.475	ng		100
78) Pyrene	12.73	202	1228126	36.712	ng		99
80) Butylbenzylphthalate	13.35	149	544914	40.276	ng		99
81) Benzo(a)anthracene	13.92	228	1113109	38.427	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	340319	30.094	ng		98
83) Chrysene	13.96	228	1061824	36.200	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	750923	41.547	ng	#	98
85) Di-n-octyl phthalate	14.52	149	1280424	40.142	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	995150	38.918	ng		100
88) Benzo(b)fluoranthene	14.96	252	1082537	41.241	ng		99
89) Benzo(k)fluoranthene	14.99	252	972799	40.471	ng		99
90) Benzo(a)pyrene	15.31	252	925920	41.498	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	835176	39.237	ng		100
92) Benzo(g,h,i)perylene	17.22	276	818759	39.132	ng		98

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

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