Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118519.D
Acq On : 10 Jan 2020 17:20
Operator : JU
Sample : L1060-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:41 PM

Quant Time: Jan 11 03:18:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86309	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	343716	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	181688	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	304824	20.00	ng		0.00
76) Chrysene-d12	14.03	240	231240	20.00	ng		0.00
87) Perylene-d12	15.52	264	167011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	532377	101.82	ng		0.01
7) Phenol-d6	6.47	99	672248	107.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	540876	82.66	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	245406	114.47	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1003581	79.22	ng		0.00
79) Terphenyl-d14	12.96	244	1367915	93.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	65750	37.720	ng		99
3) Pyridine	3.40	79	162026	34.532	ng		95
4) n-Nitrosodimethylamine	3.33	42	96935	41.227	ng		98
6) Aniline	6.50	93	86084	11.076	ng	#	74
8) 2-Chlorophenol	6.62	128	236034	41.290	ng		99
9) Benzaldehyde	6.38	77	123086	35.370	ng		98
10) Phenol	6.49	94	228911	33.048	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	203621	41.233	ng		96
12) 1,3-Dichlorobenzene	6.77	146	249465	37.330	ng		99
13) 1,4-Dichlorobenzene	6.85	146	274086	40.197	ng		98
14) 1,2-Dichlorobenzene	7.00	146	247500	37.562	ng		98
15) Benzyl Alcohol	6.98	79	214395	42.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	223324	40.767	ng		69
17) 2-Methylphenol	7.09	107	201897	42.975	ng		97
18) Hexachloroethane	7.34	117	94761	36.678	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	171857	42.686	ng		98
20) 3+4-Methylphenols	7.25	107	260719	40.911	ng	#	79
22) Acetophenone	7.25	105	363988	41.777	ng		95
24) Nitrobenzene	7.42	77	265699	40.839	ng		96
25) Isophorone	7.66	82	448599	42.797	ng		99
26) 2-Nitrophenol	7.73	139	138056	42.977	ng		96
27) 2,4-Dimethylphenol	7.77	122	215158	49.806	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	288423	41.853	ng		99
29) 2,4-Dichlorophenol	7.99	162	204829	40.609	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	233744	39.899	ng		99
31) Naphthalene	8.14	128	811369	45.128	ng		99
32) Benzoic acid	7.92	122	10920m	9.657	ng		
33) 4-Chloroaniline	8.20	127	37742	5.099	ng		97
34) Hexachlorobutadiene	8.25	225	142410	39.602	ng		99
35) Caprolactam	8.57	113	47738m	31.419	ng		
36) 4-Chloro-3-methylphenol	8.69	107	206191	38.024	ng		97
37) 2-Methylnaphthalene	8.83	142	468432	37.962	ng		98
38) 1-Methylnaphthalene	8.93	142	442299	38.177	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	204467	36.627	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	106250	71.438	ng		93
43) 2,4,6-Trichlorophenol	9.12	196	134192	38.901	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	143272	40.135	ng		99
46) 1,1'-Biphenyl	9.30	154	616416	41.523	ng		99
47) 2-Chloronaphthalene	9.33	162	481939	41.017	ng		98
48) 2-Nitroaniline	9.43	65	147314	43.387	ng		96
49) Acenaphthylene	9.75	152	824478	47.140	ng		99
50) Dimethylphthalate	9.60	163	613465	43.993	ng		99
51) 2,6-Dinitrotoluene	9.67	165	139597	46.486	ng	#	83
52) Acenaphthene	9.92	154	487776	45.670	ng		100
53) 3-Nitroaniline	9.85	138	41109	11.686	ng		94
54) 2,4-Dinitrophenol	9.97	184	27770	24.776	ng		93
55) Dibenzofuran	10.09	168	662328	41.288	ng		99
56) 4-Nitrophenol	10.02	139	145010	84.901	ng		95
57) 2,4-Dinitrotoluene	10.08	165	175874	43.740	ng		97
58) Fluorene	10.43	166	588760	45.661	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	120728	39.992	ng		98
60) Diethylphthalate	10.30	149	590434	41.593	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	280204	43.492	ng		94
62) 4-Nitroaniline	10.47	138	121871	35.383	ng		97
63) Azobenzene	10.58	77	446378	37.003	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	45401	28.175	ng		86
66) n-Nitrosodiphenylamine	10.55	169	407551	41.056	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	148888	41.701	ng		93
68) Hexachlorobenzene	10.99	284	172499	40.458	ng		94
69) Atrazine	11.07	200	150268	50.944	ng		99
70) Pentachlorophenol	11.19	266	122718	87.475	ng		99
71) Phenanthrene	11.40	178	781934	45.792	ng		99
72) Anthracene	11.45	178	832561	49.009	ng		99
73) Carbazole	11.61	167	768365	52.214	ng		99
74) Di-n-butylphthalate	11.93	149	955485	48.669	ng		99
75) Fluoranthene	12.60	202	793760	45.734	ng		96
77) Benzidine	12.72	184	234402	42.955	ng		97
78) Pyrene	12.83	202	827013	43.469	ng		100
80) Butylbenzylphthalate	13.43	149	378070	43.391	ng		99
81) Benzo(a)anthracene	14.02	228	725145	44.802	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	57162	10.860	ng		96
83) Chrysene	14.06	228	669123	42.543	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	525294	44.402	ng		100
85) Di-n-octyl phthalate	14.61	149	893749	52.670	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	647125	51.105	ng		100
88) Benzo(b)fluoranthene	15.09	252	579492	47.992	ng		99
89) Benzo(k)fluoranthene	15.12	252	567781	49.263	ng		99
90) Benzo(a)pyrene	15.46	252	424401	42.890	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	554146	59.724	ng		99
92) Benzo(g,h,i)perylene	17.48	276	432508	49.197	ng		97

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

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