Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116864.D
Acq On : 6 Sep 2019 16:20
Operator : HP/JU
Sample : K4650-11MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6MS

Manual Integrations APPROVED
mohammad
9/12/2019 9:23:40 AM

Quant Time: Sep 07 04:48:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80365	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	310252	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	157451	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	237441	20.00	ng		0.00
76) Chrysene-d12	14.00	240	144188	20.00	ng		0.00
87) Perylene-d12	15.46	264	167927	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	635116	128.03	ng		0.02
7) Phenol-d6	6.49	99	848237	130.22	ng		0.00
23) Nitrobenzene-d5	7.41	82	521809	96.01	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	157663	149.79	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	841514	90.16	ng		0.00
79) Terphenyl-d14	12.94	244	674956	86.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	79784	34.841	ng		97
3) Pyridine	3.41	79	198427	29.927	ng		94
4) n-Nitrosodimethylamine	3.34	42	79070	34.729	ng		80
6) Aniline	6.51	93	120263	13.330	ng		93
8) 2-Chlorophenol	6.64	128	228970	42.283	ng		99
9) Benzaldehyde	6.39	77	151955	35.409	ng		99
10) Phenol	6.50	94	306751	42.528	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	212641	37.861	ng		98
12) 1,3-Dichlorobenzene	6.79	146	239660	39.158	ng		95
13) 1,4-Dichlorobenzene	6.86	146	243791	40.010	ng		98
14) 1,2-Dichlorobenzene	7.02	146	226708	40.148	ng		97
15) Benzyl Alcohol	6.99	79	217597	41.153	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214113	32.494	ng		92
17) 2-Methylphenol	7.10	107	192712	40.652	ng		97
18) Hexachloroethane	7.36	117	89069	37.624	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	164476	38.349	ng		93
20) 3+4-Methylphenols	7.26	107	243047	44.096	ng	#	74
22) Acetophenone	7.25	105	334046	44.722	ng		94
24) Nitrobenzene	7.43	77	255222	46.175	ng		95
25) Isophorone	7.67	82	456954	41.494	ng		100
26) 2-Nitrophenol	7.75	139	107985	52.549	ng		94
27) 2,4-Dimethylphenol	7.79	122	200533	48.319	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	277205	41.191	ng		99
29) 2,4-Dichlorophenol	7.99	162	184532	46.267	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	188534	43.582	ng		95
31) Naphthalene	8.15	128	653387	44.289	ng		99
32) Benzoic acid	7.89	122	55386	23.635	ng		96
33) 4-Chloroaniline	8.19	127	46974	6.995	ng		97
34) Hexachlorobutadiene	8.27	225	105155	44.581	ng		99
35) Caprolactam	8.56	113	60154m	40.300	ng		
36) 4-Chloro-3-methylphenol	8.69	107	214784	46.855	ng		98
37) 2-Methylnaphthalene	8.84	142	445026	45.338	ng		98
38) 1-Methylnaphthalene	8.94	142	411408	44.399	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	172517	45.707	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	85456	39.207	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	120069	46.407	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	129708	48.288	ng		95
46) 1,1'-Biphenyl	9.30	154	517620	43.324	ng		99
47) 2-Chloronaphthalene	9.33	162	412180	43.557	ng		98
48) 2-Nitroaniline	9.42	65	131292	47.991	ng		98
49) Acenaphthylene	9.75	152	640642	44.786	ng		99
50) Dimethylphthalate	9.60	163	580702	53.421	ng		97
51) 2,6-Dinitrotoluene	9.66	165	102467	49.406	ng		97
52) Acenaphthene	9.92	154	373763	42.526	ng		99
53) 3-Nitroaniline	9.83	138	49492	19.042	ng		93
54) 2,4-Dinitrophenol	9.94	184	7182	17.697	ng	#	88
55) Dibenzofuran	10.09	168	564998	45.601	ng		97
56) 4-Nitrophenol	10.00	139	157528	88.391	ng	#	83
57) 2,4-Dinitrotoluene	10.07	165	134521	53.045	ng		98
58) Fluorene	10.43	166	441805	46.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	89394	46.113	ng		95
60) Diethylphthalate	10.30	149	481583	44.227	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	191556	46.335	ng		95
62) 4-Nitroaniline	10.45	138	102466	40.623	ng		95
63) Azobenzene	10.58	77	489603	43.122	ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	8555	15.715	ng		87
66) n-Nitrosodiphenylamine	10.54	169	391221	47.629	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	111391	46.180	ng		96
68) Hexachlorobenzene	10.99	284	113055	44.798	ng		95
69) Atrazine	11.06	200	107192	46.595	ng		97
70) Pentachlorophenol	11.17	266	103708	84.950	ng		95
71) Phenanthrene	11.39	178	595239	45.034	ng		100
72) Anthracene	11.44	178	615777	46.281	ng		98
73) Carbazole	11.60	167	560804	44.248	ng		99
74) Di-n-butylphthalate	11.92	149	722778	44.485	ng		99
75) Fluoranthene	12.58	202	537593	41.387	ng		98
77) Benzidine	12.69	184	233540	41.295	ng		99
78) Pyrene	12.80	202	539394	42.083	ng		99
80) Butylbenzylphthalate	13.42	149	266453	42.748	ng		97
81) Benzo(a)anthracene	13.99	228	424848	46.556	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	121686	39.458	ng		96
83) Chrysene	14.03	228	412294	43.854	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	363348	47.224	ng		98
85) Di-n-octyl phthalate	14.59	149	585674	46.514	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.93	276	412772	54.660	ng		98
88) Benzo(b)fluoranthene	15.04	252	411721	40.553	ng		99
89) Benzo(k)fluoranthene	15.07	252	400762	43.293	ng		99
90) Benzo(a)pyrene	15.40	252	401266	45.429	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	346036	44.757	ng		96
92) Benzo(g,h,i)perylene	17.37	276	312482	39.629	ng		97

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

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