Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117010.D
Acq On : 13 Sep 2019 00:17
Operator : HP/JU
Sample : K4712-08MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Manual Integrations APPROVED
mohammad
9/16/2019 9:00:01 AM

Quant Time: Sep 13 08:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60551	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	243880	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	126751	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	203307	20.00	ng		0.00
76) Chrysene-d12	13.97	240	137478	20.00	ng		0.00
87) Perylene-d12	15.42	264	127736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	415648	111.21	ng		0.01
7) Phenol-d6	6.46	99	518528	105.65	ng		0.00
23) Nitrobenzene-d5	7.39	82	421531	98.67	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	133364	157.39	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	747372	99.47	ng		0.00
79) Terphenyl-d14	12.92	244	690474	92.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	58182	33.722	ng		98
3) Pyridine	3.37	79	120643	24.150	ng		99
4) n-Nitrosodimethylamine	3.28	42	59718	34.812	ng	#	98
6) Aniline	6.49	93	90374	13.295	ng	#	78
8) 2-Chlorophenol	6.62	128	167563	41.068	ng		97
9) Benzaldehyde	6.37	77	91555	28.316	ng		98
10) Phenol	6.47	94	190721	35.094	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	174826	41.314	ng		98
12) 1,3-Dichlorobenzene	6.77	146	188035	40.776	ng		98
13) 1,4-Dichlorobenzene	6.85	146	193021	42.044	ng		98
14) 1,2-Dichlorobenzene	7.00	146	179566	42.206	ng		99
15) Benzyl Alcohol	6.97	79	168413	42.274	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	169107	34.061	ng		97
17) 2-Methylphenol	7.08	107	137989	38.634	ng		98
18) Hexachloroethane	7.34	117	65674	36.819	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	132219	40.916	ng		98
20) 3+4-Methylphenols	7.23	107	170739	41.113	ng	#	69
22) Acetophenone	7.23	105	276809	47.145	ng		95
24) Nitrobenzene	7.41	77	208077	47.890	ng		100
25) Isophorone	7.65	82	374716	43.287	ng		98
26) 2-Nitrophenol	7.72	139	82278	50.935	ng		99
27) 2,4-Dimethylphenol	7.76	122	147425	45.190	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	227138	42.937	ng		100
29) 2,4-Dichlorophenol	7.97	162	140380	44.776	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	151152	44.449	ng		99
31) Naphthalene	8.13	128	536407	46.255	ng		99
32) Benzoic acid	7.87	122	46099	25.026	ng		90
33) 4-Chloroaniline	8.17	127	46510	8.811	ng		97
34) Hexachlorobutadiene	8.25	225	86135	46.456	ng		97
35) Caprolactam	8.53	113	39482m	33.650	ng		
36) 4-Chloro-3-methylphenol	8.66	107	166381	46.174	ng		100
37) 2-Methylnaphthalene	8.82	142	372366	48.259	ng		98
38) 1-Methylnaphthalene	8.92	142	349540	47.989	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	144451	47.541	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	25717	14.657	ng		94
43) 2,4,6-Trichlorophenol	9.10	196	93292	44.791	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	104597	48.372	ng		97
46) 1,1'-Biphenyl	9.28	154	442082	45.964	ng		98
47) 2-Chloronaphthalene	9.30	162	350864	46.058	ng		97
48) 2-Nitroaniline	9.40	65	114277	51.889	ng		99
49) Acenaphthylene	9.72	152	548819	47.660	ng		99
50) Dimethylphthalate	9.57	163	518172	59.214	ng		100
51) 2,6-Dinitrotoluene	9.64	165	86105	51.572	ng	#	83
52) Acenaphthene	9.89	154	315859	44.642	ng		98
53) 3-Nitroaniline	9.80	138	52159	24.928	ng		94
54) 2,4-Dinitrophenol	9.92	184	8504	21.773	ng		89
55) Dibenzofuran	10.06	168	491152	49.242	ng		99
56) 4-Nitrophenol	9.97	139	117293	81.756	ng		95
57) 2,4-Dinitrotoluene	10.05	165	111627	54.679	ng		99
58) Fluorene	10.40	166	395194	51.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77220	49.481	ng		98
60) Diethylphthalate	10.27	149	423985	48.369	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	170109	51.114	ng		94
62) 4-Nitroaniline	10.42	138	95166	46.867	ng		98
63) Azobenzene	10.56	77	431149	47.171	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	7908	16.373	ng		92
66) n-Nitrosodiphenylamine	10.51	169	351972	50.045	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	100708	48.761	ng	#	89
68) Hexachlorobenzene	10.96	284	102651	47.504	ng		97
69) Atrazine	11.04	200	97215	49.353	ng		97
70) Pentachlorophenol	11.15	266	94948	90.832	ng		98
71) Phenanthrene	11.36	178	547362	48.365	ng		99
72) Anthracene	11.42	178	561553	49.291	ng		99
73) Carbazole	11.57	167	516290	47.575	ng		100
74) Di-n-butylphthalate	11.90	149	686659	49.357	ng		99
75) Fluoranthene	12.55	202	518869	46.652	ng		99
77) Benzidine	12.67	184	241195	44.730	ng		98
78) Pyrene	12.78	202	522612	42.764	ng		98
80) Butylbenzylphthalate	13.39	149	268017	45.098	ng		93
81) Benzo(a)anthracene	13.96	228	429618	49.376	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	125699	42.749	ng		98
83) Chrysene	14.00	228	429008	47.858	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	372610	50.791	ng		99
85) Di-n-octyl phthalate	14.56	149	632616	52.694	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	295706	41.069	ng		100
88) Benzo(b)fluoranthene	15.00	252	371645	48.124	ng		99
89) Benzo(k)fluoranthene	15.03	252	360253	51.162	ng		99
90) Benzo(a)pyrene	15.36	252	330302	49.160	ng		97
91) Dibenzo(a,h)anthracene	16.87	278	252335	42.906	ng		98
92) Benzo(g,h,i)perylene	17.30	276	241033	40.186	ng		95

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

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