Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117456.D
Acq On : 21 Oct 2019 19:21
Operator : JU
Sample : K5146-14MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Manual Integrations APPROVED
mohammad
10/22/2019 3:29:18 PM

Quant Time: Oct 22 03:23:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	63991	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	269134	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	141394	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	236792	20.00	ng		0.00
76) Chrysene-d12	13.90	240	197192	20.00	ng		0.00
87) Perylene-d12	15.33	264	182554	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	362322	84.23	ng		0.02
7) Phenol-d6	6.39	99	489680	84.76	ng		0.00
23) Nitrobenzene-d5	7.30	82	301288	55.27	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	106437	87.00	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	546873	54.50	ng		0.00
79) Terphenyl-d14	12.83	244	614288	50.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	49690	27.477	ng	#	84
3) Pyridine	3.32	79	79158m	17.881	ng		
4) n-Nitrosodimethylamine	3.17	42	52301	32.565	ng		99
6) Aniline	6.41	93	44019	6.490	ng	#	50
8) 2-Chlorophenol	6.53	128	140759	31.012	ng		94
9) Benzaldehyde	6.29	77	70299	21.896	ng		98
10) Phenol	6.40	94	176332	29.905	ng	#	69
11) bis(2-Chloroethyl)ether	6.47	93	139023	31.876	ng		98
12) 1,3-Dichlorobenzene	6.67	146	143893	28.409	ng		97
13) 1,4-Dichlorobenzene	6.75	146	147978	28.799	ng		97
14) 1,2-Dichlorobenzene	6.90	146	139394	28.780	ng		97
15) Benzyl Alcohol	6.89	79	130704	31.667	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133455	28.366	ng		68
17) 2-Methylphenol	7.00	107	120385	32.242	ng		94
18) Hexachloroethane	7.24	117	55020	27.434	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	107793	30.552	ng		96
20) 3+4-Methylphenols	7.16	107	155909	31.848	ng	#	78
22) Acetophenone	7.15	105	209619	29.332	ng		94
24) Nitrobenzene	7.32	77	159105	30.471	ng		99
25) Isophorone	7.56	82	297431	31.538	ng		98
26) 2-Nitrophenol	7.63	139	73918	31.741	ng		93
27) 2,4-Dimethylphenol	7.68	122	126008	36.206	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	174609	30.005	ng		99
29) 2,4-Dichlorophenol	7.89	162	116506	31.915	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	113112	28.874	ng		100
31) Naphthalene	8.03	128	407304	30.532	ng		100
32) Benzoic acid	7.84	122	84234	35.336	ng		95
33) 4-Chloroaniline	8.10	127	24650	4.378	ng	#	97
34) Hexachlorobutadiene	8.15	225	63583	28.042	ng		97
35) Caprolactam	8.47	113	43566m	37.151	ng		
36) 4-Chloro-3-methylphenol	8.59	107	139763	33.571	ng		95
37) 2-Methylnaphthalene	8.73	142	279806	31.128	ng		98
38) 1-Methylnaphthalene	8.82	142	265481	31.430	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	107008	28.099	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	65595	68.355 ng	96
43) 2,4,6-Trichlorophenol	9.02	196	75029	31.461 ng	96
44) 2,4,5-Trichlorophenol	9.06	196	83316	34.476 ng	98
46) 1,1'-Biphenyl	9.19	154	335500	28.662 ng	97
47) 2-Chloronaphthalene	9.22	162	257701	29.199 ng	97
48) 2-Nitroaniline	9.32	65	86047	29.699 ng	89
49) Acenaphthylene	9.63	152	402414	31.042 ng	99
50) Dimethylphthalate	9.49	163	340288	33.759 ng	100
51) 2,6-Dinitrotoluene	9.56	165	65489	31.135 ng	99
52) Acenaphthene	9.80	154	238260	29.957 ng	97
53) 3-Nitroaniline	9.73	138	39078	15.312 ng	88
54) 2,4-Dinitrophenol	9.85	184	55377	64.560 ng	98
55) Dibenzofuran	9.97	168	355436	30.846 ng	99
56) 4-Nitrophenol	9.92	139	87628	74.870 ng	93
57) 2,4-Dinitrotoluene	9.97	165	90843	32.484 ng	96
58) Fluorene	10.32	166	297948	31.267 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	63805m	33.593 ng	
60) Diethylphthalate	10.19	149	319437	31.331 ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	129257	30.234 ng	95
62) 4-Nitroaniline	10.35	138	65984	27.430 ng	95
63) Azobenzene	10.46	77	333754	31.978 ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	42045	34.924 ng	93
66) n-Nitrosodiphenylamine	10.43	169	267532	30.905 ng	98
67) 4-Bromophenyl-phenylether	10.79	248	74506	29.212 ng	95
68) Hexachlorobenzene	10.87	284	78947	28.903 ng	92
69) Atrazine	10.96	200	79946	36.299 ng	98
70) Pentachlorophenol	11.07	266	72846	88.962 ng	99
71) Phenanthrene	11.27	178	429038	31.204 ng	99
72) Anthracene	11.33	178	456878	32.384 ng	99
73) Carbazole	11.49	167	417709	32.398 ng	99
74) Di-n-butylphthalate	11.81	149	545457	31.663 ng	100
75) Fluoranthene	12.46	202	453028	32.913 ng	99
77) Benzidine	12.59	184	10547	Below Cal	98
78) Pyrene	12.69	202	471554	27.840 ng	100
80) Butylbenzylphthalate	13.30	149	244776	29.041 ng	99
81) Benzo(a)anthracene	13.89	228	398180	29.935 ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	69369	16.620 ng	100
83) Chrysene	13.92	228	387701	29.740 ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	353199	29.915 ng	98
85) Di-n-octyl phthalate	14.48	149	606838	33.429 ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	307728	31.617 ng	99
88) Benzo(b)fluoranthene	14.93	252	347842	32.267 ng	98
89) Benzo(k)fluoranthene	14.95	252	329763	29.846 ng	100
90) Benzo(a)pyrene	15.27	252	297290	30.332 ng	97
91) Dibenzo(a,h)anthracene	16.74	278	264823	31.248 ng	97
92) Benzo(g,h,i)perylene	17.16	276	255601	31.875 ng	98

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

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