Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117570.D
Acq On : 28 Oct 2019 19:11
Operator : JU
Sample : K5501-13MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:25 PM

Quant Time: Oct 30 11:38:10 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	42428	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	172477	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	85516	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	127985	20.00	ng		0.00
76) Chrysene-d12	13.89	240	72987	20.00	ng		0.00
87) Perylene-d12	15.32	264	79873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	227819	79.88	ng		0.00
7) Phenol-d6	6.39	99	312279	81.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	191178	54.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	52428	70.86	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	326646	53.82	ng		-0.01
79) Terphenyl-d14	12.83	244	241744	54.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	46715	38.960	ng	#	95
3) Pyridine	3.16	79	106851	36.402	ng		95
4) n-Nitrosodimethylamine	3.12	42	46180	43.367	ng		91
6) Aniline	6.39	93	110926	24.667	ng	#	38
8) 2-Chlorophenol	6.52	128	133941	44.508	ng		96
9) Benzaldehyde	6.28	77	78642	43.072	ng		97
10) Phenol	6.40	94	180149	46.080	ng	#	80
11) bis(2-Chloroethyl)ether	6.46	93	128921	44.583	ng		98
12) 1,3-Dichlorobenzene	6.67	146	137533	40.954	ng		97
13) 1,4-Dichlorobenzene	6.75	146	137924	40.485	ng		98
14) 1,2-Dichlorobenzene	6.90	146	132921	41.392	ng		99
15) Benzyl Alcohol	6.88	79	118421	43.272	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	127169	40.766	ng	#	41
17) 2-Methylphenol	7.00	107	108340	43.763	ng	#	88
18) Hexachloroethane	7.23	117	52082	39.167	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	99430	42.504	ng		97
20) 3+4-Methylphenols	7.16	107	146189	45.039	ng	#	66
22) Acetophenone	7.14	105	195022	42.582	ng	#	93
24) Nitrobenzene	7.32	77	148771	44.459	ng		97
25) Isophorone	7.55	82	265297	43.895	ng		97
26) 2-Nitrophenol	7.63	139	69186	46.358	ng		97
27) 2,4-Dimethylphenol	7.67	122	115414	51.746	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	158596	42.526	ng		99
29) 2,4-Dichlorophenol	7.89	162	104270	44.571	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	107405	42.782	ng		99
31) Naphthalene	8.03	128	386177	45.172	ng		99
32) Benzoic acid	7.84	122	56920	37.259	ng		95
33) 4-Chloroaniline	8.09	127	49221	13.642	ng		98
34) Hexachlorobutadiene	8.15	225	57327	39.452	ng		97
35) Caprolactam	8.46	113	35823m	47.667	ng		
36) 4-Chloro-3-methylphenol	8.59	107	118013	44.232	ng		97
37) 2-Methylnaphthalene	8.72	142	260575	45.234	ng		97
38) 1-Methylnaphthalene	8.82	142	239474	44.240	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	96637	41.956	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	11737	30.950	ng		94
43) 2,4,6-Trichlorophenol	9.01	196	64212	44.518	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	66259	45.333	ng		93
46) 1,1'-Biphenyl	9.19	154	296953	41.945	ng		99
47) 2-Chloronaphthalene	9.21	162	228902	42.883	ng		98
48) 2-Nitroaniline	9.32	65	75522	43.098	ng		90
49) Acenaphthylene	9.62	152	361029	46.047	ng		99
50) Dimethylphthalate	9.49	163	306908	50.343	ng		99
51) 2,6-Dinitrotoluene	9.56	165	57915	45.525	ng	#	87
52) Acenaphthene	9.79	154	210104	43.678	ng		97
53) 3-Nitroaniline	9.73	138	33678	21.819	ng		94
54) 2,4-Dinitrophenol	9.86	184	13840	29.321	ng		94
55) Dibenzofuran	9.97	168	307948	44.187	ng		98
56) 4-Nitrophenol	9.93	139	42256	60.532	ng		97
57) 2,4-Dinitrotoluene	9.97	165	73752	43.605	ng	#	85
58) Fluorene	10.31	166	250952	43.543	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49459	43.055	ng		98
60) Diethylphthalate	10.19	149	259730	42.121	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	111379	43.075	ng		96
62) 4-Nitroaniline	10.35	138	48783	33.530	ng		97
63) Azobenzene	10.46	77	276160	43.749	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	15749	24.203	ng		91
66) n-Nitrosodiphenylamine	10.42	169	217850	46.560	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	60168	43.646	ng		97
68) Hexachlorobenzene	10.87	284	61238	41.479	ng	#	89
69) Atrazine	10.95	200	63277	53.155	ng		97
70) Pentachlorophenol	11.07	266	27016	61.042	ng		98
71) Phenanthrene	11.27	178	328351	44.183	ng		98
72) Anthracene	11.33	178	347481	45.570	ng		100
73) Carbazole	11.49	167	301058	43.202	ng		99
74) Di-n-butylphthalate	11.80	149	401184	43.086	ng		99
75) Fluoranthene	12.46	202	285382	38.360	ng		98
78) Pyrene	12.69	202	277712	44.298	ng		100
80) Butylbenzylphthalate	13.30	149	134924	43.249	ng		97
81) Benzo(a)anthracene	13.88	228	223535	45.404	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	66069	42.766	ng		97
83) Chrysene	13.92	228	218659	45.317	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	185902	42.540	ng	#	97
85) Di-n-octyl phthalate	14.47	149	296271	44.094	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	180139	50.004	ng		99
88) Benzo(b)fluoranthene	14.92	252	204998	43.463	ng		99
89) Benzo(k)fluoranthene	14.94	252	208220	43.072	ng		98
90) Benzo(a)pyrene	15.27	252	188828	44.033	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	154122	41.564	ng	#	97
92) Benzo(g,h,i)perylene	17.16	276	139811	39.850	ng		96

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

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