Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117344.D
Acq On : 8 Oct 2019 16:57
Operator : JU
Sample : K5238-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMPMS

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:20 AM

Quant Time: Oct 09 03:03:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	44548	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	185156	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	98499	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	160433	20.00	ng		0.00
76) Chrysene-d12	13.97	240	125687	20.00	ng		0.00
87) Perylene-d12	15.42	264	115783	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	261432	91.62	ng		0.00
7) Phenol-d6	6.45	99	372463	101.01	ng		0.00
23) Nitrobenzene-d5	7.36	82	227782	64.64	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	76754	93.24	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	398502	63.26	ng		0.00
79) Terphenyl-d14	12.90	244	411625	61.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	38194	31.989	ng		96
3) Pyridine	3.31	79	79711	24.391	ng		97
4) n-Nitrosodimethylamine	3.24	42	35067	31.268	ng		91
6) Aniline	6.46	93	105238	22.166	ng	#	33
8) 2-Chlorophenol	6.59	128	113857	36.988	ng		98
9) Benzaldehyde	6.35	77	65720	34.331	ng		99
10) Phenol	6.46	94	145584	35.812	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	106927	35.788	ng		98
12) 1,3-Dichlorobenzene	6.74	146	116568	33.747	ng		98
13) 1,4-Dichlorobenzene	6.82	146	119822	33.992	ng		97
14) 1,2-Dichlorobenzene	6.97	146	112695	34.338	ng		98
15) Benzyl Alcohol	6.95	79	101136	35.765	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	105224	35.647	ng		68
17) 2-Methylphenol	7.06	107	88047	34.129	ng	#	90
18) Hexachloroethane	7.31	117	45544	33.585	ng	#	91
19) n-Nitroso-di-n-propylamine	7.21	70	83559	37.212	ng		97
20) 3+4-Methylphenols	7.22	107	120431	37.477	ng	#	62
22) Acetophenone	7.21	105	163424	34.740	ng		94
24) Nitrobenzene	7.38	77	123910	35.606	ng		97
25) Isophorone	7.62	82	227682	36.491	ng		99
26) 2-Nitrophenol	7.70	139	57009	38.138	ng		96
27) 2,4-Dimethylphenol	7.75	122	101177	42.683	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	139418	36.267	ng		99
29) 2,4-Dichlorophenol	7.95	162	92413	37.207	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	90840	33.853	ng		99
31) Naphthalene	8.10	128	329797	37.036	ng		99
32) Benzoic acid	7.86	122	12303	12.523	ng		87
33) 4-Chloroaniline	8.16	127	49229	12.464	ng		98
34) Hexachlorobutadiene	8.22	225	50605	33.240	ng		98
35) Caprolactam	8.52	113	28734m	34.179	ng		
36) 4-Chloro-3-methylphenol	8.65	107	108456	37.449	ng		99
37) 2-Methylnaphthalene	8.80	142	225213	37.558	ng		97
38) 1-Methylnaphthalene	8.89	142	206617	36.790	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	86586	34.042	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	51496	49.157 ng		98
43) 2,4,6-Trichlorophenol	9.08	196	57693	33.424 ng		100
44) 2,4,5-Trichlorophenol	9.13	196	62616	33.953 ng		95
46) 1,1'-Biphenyl	9.26	154	266549	34.499 ng		99
47) 2-Chloronaphthalene	9.29	162	209629	34.379 ng		98
48) 2-Nitroaniline	9.39	65	65068	33.269 ng		98
49) Acenaphthylene	9.70	152	327324	35.833 ng		100
50) Dimethylphthalate	9.56	163	292887	41.996 ng		99
51) 2,6-Dinitrotoluene	9.63	165	53824	37.893 ng		97
52) Acenaphthene	9.87	154	189649	35.024 ng		99
53) 3-Nitroaniline	9.80	138	34549	19.278 ng		94
54) 2,4-Dinitrophenol	9.92	184	20100	38.183 ng		96
55) Dibenzofuran	10.04	168	293661	36.757 ng		96
56) 4-Nitrophenol	9.98	139	56830	48.928 ng		95
57) 2,4-Dinitrotoluene	10.04	165	69810	37.862 ng	#	88
58) Fluorene	10.39	166	243436	37.826 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	46186	32.727 ng		97
60) Diethylphthalate	10.26	149	249614	36.379 ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	105143	37.761 ng		96
62) 4-Nitroaniline	10.42	138	63474	34.057 ng		95
63) Azobenzene	10.53	77	261503	37.316 ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	22875	33.695 ng		92
66) n-Nitrosodiphenylamine	10.49	169	210449	37.982 ng		98
67) 4-Bromophenyl-phenylether	10.86	248	59682	36.427 ng		97
68) Hexachlorobenzene	10.94	284	62160	34.687 ng		93
69) Atrazine	11.02	200	58165	41.259 ng		98
70) Pentachlorophenol	11.14	266	38010	45.250 ng		98
71) Phenanthrene	11.35	178	339675	37.276 ng		99
72) Anthracene	11.40	178	365919	39.333 ng		99
73) Carbazole	11.56	167	334058	37.829 ng		99
74) Di-n-butylphthalate	11.88	149	434803	41.384 ng		98
75) Fluoranthene	12.54	202	365730	39.061 ng		99
77) Benzidine	12.66	184	178247	44.026 ng		99
78) Pyrene	12.77	202	373706	35.436 ng		98
80) Butylbenzylphthalate	13.37	149	188314	37.790 ng		98
81) Benzo(a)anthracene	13.96	228	304818	36.299 ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	44329	16.382 ng		97
83) Chrysene	14.00	228	299971	36.626 ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	277162	43.137 ng		99
85) Di-n-octyl phthalate	14.54	149	459752	45.463 ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	237149	39.689 ng		98
88) Benzo(b)fluoranthene	15.00	252	243009	34.649 ng		99
89) Benzo(k)fluoranthene	15.03	252	257452	38.752 ng		99
90) Benzo(a)pyrene	15.37	252	234418	38.090 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	203451	41.497 ng		98
92) Benzo(g,h,i)perylene	17.32	276	199351	40.804 ng		98

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

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