Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116110.D
Acq On : 9 Aug 2019 13:52
Operator : HP/JU
Sample : K4219-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

Quant Time: Aug 11 01:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124208	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	488987	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	266024	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	481913	20.00	ng		0.00
76) Chrysene-d12	14.00	240	351160	20.00	ng		0.00
87) Perylene-d12	15.46	264	301577	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	929576	125.29	ng		0.00
7) Phenol-d6	6.49	99	1220652	130.40	ng		0.00
23) Nitrobenzene-d5	7.40	82	766559	90.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	344864	133.71	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1167550	82.21	ng		-0.01
79) Terphenyl-d14	12.94	244	1473449	88.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	119000	31.748	ng		98
3) Pyridine	3.40	79	306453	29.268	ng		99
4) n-Nitrosodimethylamine	3.33	42	143508	34.730	ng		100
6) Aniline	6.50	93	338101	25.220	ng	#	85
8) 2-Chlorophenol	6.63	128	335198	40.855	ng		96
9) Benzaldehyde	6.39	77	171314	26.523	ng		99
10) Phenol	6.50	94	505969	45.899	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	325523	40.165	ng		99
12) 1,3-Dichlorobenzene	6.78	146	355380	37.480	ng		99
13) 1,4-Dichlorobenzene	6.86	146	362685	38.202	ng		98
14) 1,2-Dichlorobenzene	7.01	146	338296	38.698	ng		100
15) Benzyl Alcohol	6.99	79	285333	40.165	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	421745	38.151	ng		89
17) 2-Methylphenol	7.10	107	282518	40.667	ng		99
18) Hexachloroethane	7.35	117	131489	37.617	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	232361	40.056	ng		97
20) 3+4-Methylphenols	7.25	107	350873	42.679	ng		91
22) Acetophenone	7.25	105	459377	42.836	ng	#	98
24) Nitrobenzene	7.42	77	370202	40.473	ng		99
25) Isophorone	7.66	82	681951	42.100	ng		99
26) 2-Nitrophenol	7.74	139	187318	43.444	ng		96
27) 2,4-Dimethylphenol	7.77	122	310764	47.906	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	414809	41.316	ng		99
29) 2,4-Dichlorophenol	7.99	162	300511	43.875	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	313549	40.160	ng		99
31) Naphthalene	8.14	128	969000	42.111	ng		100
32) Benzoic acid	7.89	122	32174m	7.035	ng		
33) 4-Chloroaniline	8.19	127	179137	17.423	ng		97
34) Hexachlorobutadiene	8.26	225	174498	38.802	ng		99
35) Caprolactam	8.56	113	89673m	40.480	ng		
36) 4-Chloro-3-methylphenol	8.68	107	315312	44.251	ng		99
37) 2-Methylnaphthalene	8.83	142	653085	43.095	ng		99
38) 1-Methylnaphthalene	8.93	142	609809	42.535	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	299956	42.177	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	178151	57.590 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	194055	39.642 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	209482	41.398 ng	98
46) 1,1'-Biphenyl	9.29	154	803691	42.792 ng	99
47) 2-Chloronaphthalene	9.32	162	635542	40.658 ng	99
48) 2-Nitroaniline	9.42	65	210407	40.723 ng	99
49) Acenaphthylene	9.73	152	980941	43.014 ng	99
50) Dimethylphthalate	9.59	163	833017	45.989 ng	100
51) 2,6-Dinitrotoluene	9.66	165	172851	43.912 ng	99
52) Acenaphthene	9.91	154	575783	41.155 ng	99
53) 3-Nitroaniline	9.83	138	126040	25.914 ng	96
54) 2,4-Dinitrophenol	9.95	184	73281	40.841 ng	99
55) Dibenzofuran	10.08	168	854341	41.991 ng	100
56) 4-Nitrophenol	10.01	139	248320	79.698 ng	93
57) 2,4-Dinitrotoluene	10.07	165	225234	42.976 ng	97
58) Fluorene	10.42	166	685255	43.776 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	176607	41.484 ng	99
60) Diethylphthalate	10.29	149	741201	43.829 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	347208	43.796 ng	98
62) 4-Nitroaniline	10.45	138	208864	41.553 ng	99
63) Azobenzene	10.57	77	760983	43.750 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	90500	35.437 ng	95
66) n-Nitrosodiphenylamine	10.53	169	619627	42.718 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	214557	41.590 ng	96
68) Hexachlorobenzene	10.98	284	240631	40.338 ng	93
69) Atrazine	11.06	200	207446	43.472 ng	98
70) Pentachlorophenol	11.17	266	176673	61.002 ng	98
71) Phenanthrene	11.39	178	1045521	42.438 ng	99
72) Anthracene	11.44	178	1094661	43.904 ng	99
73) Carbazole	11.59	167	1017420	44.978 ng	99
74) Di-n-butylphthalate	11.92	149	1193921	45.245 ng	99
75) Fluoranthene	12.57	202	1145312	44.406 ng	98
77) Benzidine	12.69	184	459784	38.756 ng	98
78) Pyrene	12.80	202	1167090	44.089 ng	99
80) Butylbenzylphthalate	13.41	149	532298	47.538 ng	95
81) Benzo(a)anthracene	13.99	228	966231	43.049 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	206530	26.486 ng	99
83) Chrysene	14.03	228	954289	43.794 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	734940	50.508 ng	99
85) Di-n-octyl phthalate	14.58	149	1129231	48.859 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	831297	45.422 ng	100
88) Benzo(b)fluoranthene	15.04	252	799994	45.878 ng	99
89) Benzo(k)fluoranthene	15.07	252	716989	42.215 ng	98
90) Benzo(a)pyrene	15.41	252	711355	45.635 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	693484	51.396 ng	99
92) Benzo(g,h,i)perylene	17.39	276	723879	54.627 ng	98

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

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