Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114043.D
Acq On : 30 Apr 2019 15:44
Operator : JU/SJ
Sample : K2194-01MSD 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-AMSD

Manual Integrations APPROVED
Sohil
5/1/2019 11:58:44 AM

Quant Time: May 01 05:16:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115325	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	433623	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	212450	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	380094	20.00	ng		0.00
76) Chrysene-d12	14.05	240	290158	20.00	ng		-0.02
87) Perylene-d12	15.54	264	229066	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	496651	73.66	ng		0.00
7) Phenol-d6	6.52	99	665587	78.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	388374	55.30	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	194822	75.28	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	768080	56.54	ng		-0.01
79) Terphenyl-d14	13.00	244	761987	53.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	8174	2.572	ng	#	85
3) Pyridine	3.46	79	18530	2.136	ng	#	86
4) n-Nitrosodimethylamine	3.35	42	8014	2.698	ng	#	98
6) Aniline	6.55	93	22273	1.917	ng	#	90
8) 2-Chlorophenol	6.67	128	24981	3.245	ng		97
9) Benzaldehyde	6.44	77	5244	Below Cal			96
10) Phenol	6.53	94	37098	3.667	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	24518	3.221	ng		94
12) 1,3-Dichlorobenzene	6.83	146	27881	3.198	ng		98
13) 1,4-Dichlorobenzene	6.91	146	28438	3.243	ng		98
14) 1,2-Dichlorobenzene	7.06	146	27064	3.358	ng		97
15) Benzyl Alcohol	7.02	79	26113m	4.583	ng		
16) 2,2'-oxybis(1-Chloropropan	7.16	45	26756	3.011	ng		87
17) 2-Methylphenol	7.14	107	21170	3.137	ng		97
18) Hexachloroethane	7.40	117	8030	2.612	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	19498	3.559	ng		98
20) 3+4-Methylphenols	7.29	107	26424	3.466	ng	#	44
22) Acetophenone	7.29	105	38362	3.976	ng		95
24) Nitrobenzene	7.46	77	29441	3.794	ng		99
25) Isophorone	7.70	82	49301	3.431	ng	#	93
26) 2-Nitrophenol	7.79	139	10239	2.892	ng	#	86
27) 2,4-Dimethylphenol	7.82	122	21524	3.732	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	30751	3.358	ng		97
29) 2,4-Dichlorophenol	8.03	162	21536	3.265	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	25063	3.408	ng		97
31) Naphthalene	8.19	128	81294	3.946	ng		99
32) Benzoic acid	7.82	122	21524	5.526	ng	#	18
33) 4-Chloroaniline	8.24	127	18592	2.133	ng		94
34) Hexachlorobutadiene	8.32	225	15379	3.354	ng		98
35) Caprolactam	8.60	113	1983	0.945	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	24068	3.683	ng		97
37) 2-Methylnaphthalene	8.89	142	56411	4.061	ng		99
38) 1-Methylnaphthalene	8.98	142	52538	3.919	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	25919	3.756	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	315	0.082	ng		89
43) 2,4,6-Trichlorophenol	9.16	196	16174	3.691	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	16880	3.434	ng	#	83
46) 1,1'-Biphenyl	9.35	154	69197	4.264	ng		98
47) 2-Chloronaphthalene	9.37	162	50441	3.822	ng		97
48) 2-Nitroaniline	9.46	65	14465	4.181	ng		95
49) Acenaphthylene	9.79	152	83789	4.055	ng		99
50) Dimethylphthalate	9.63	163	198866	12.943	ng		99
51) 2,6-Dinitrotoluene	9.70	165	10258	3.112	ng		87
52) Acenaphthene	9.96	154	46356	3.796	ng		99
53) 3-Nitroaniline	9.87	138	10259	2.962	ng	#	98
54) 2,4-Dinitrophenol	10.18	184	126	8.398	ng	#	42
55) Dibenzofuran	10.13	168	73735	4.031	ng		97
56) 4-Nitrophenol	10.03	139	15948	5.815	ng	#	80
57) 2,4-Dinitrotoluene	10.10	165	11037	2.653	ng	#	93
58) Fluorene	10.47	166	57846	4.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	14082	3.260	ng	#	53
60) Diethylphthalate	10.33	149	58017	3.976	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	27208	3.731	ng		95
62) 4-Nitroaniline	10.47	138	8736	2.584	ng		91
63) Azobenzene	10.62	77	48022	3.396	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	123	7.368	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	52601	4.612	ng		97
67) 4-Bromophenyl-phenylether	10.95	248	15841	3.450	ng	#	88
68) Hexachlorobenzene	11.03	284	16635	3.297	ng		96
69) Atrazine	11.10	200	16481	4.442	ng		97
70) Pentachlorophenol	11.22	266	15444	5.406	ng		96
71) Phenanthrene	11.43	178	151745	7.944	ng		98
72) Anthracene	11.49	178	92780	4.810	ng		98
73) Carbazole	11.63	167	68186	3.962	ng		97
74) Di-n-butylphthalate	11.97	149	85430	4.220	ng		99
75) Fluoranthene	12.63	202	233408	11.200	ng		98
77) Benzidine	12.73	184	360	0.042	ng	#	1
78) Pyrene	12.86	202	232915	11.479	ng		98
80) Butylbenzylphthalate	13.46	149	35050	4.390	ng		91
81) Benzo(a)anthracene	14.04	228	150036	8.776	ng		96
82) 3,3'-Dichlorobenzidine	14.00	252	9328	1.489	ng	#	78
83) Chrysene	14.07	228	146737	8.813	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	55210	5.435	ng		98
85) Di-n-octyl phthalate	14.65	149	74212	4.668	ng	#	89
86) Indeno(1,2,3-cd)pyrene	17.03	276	76402	4.845	ng		96
88) Benzo(b)fluoranthene	15.11	252	129475	8.934	ng	#	88
89) Benzo(k)fluoranthene	15.13	252	85436	6.853	ng	#	76
90) Benzo(a)pyrene	15.48	252	102574	8.183	ng	#	86
91) Dibenzo(a,h)anthracene	17.05	278	44601	3.790	ng	#	82
92) Benzo(g,h,i)perylene	17.49	276	68622	5.779	ng		99

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

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