Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112435.D
Acq On : 7 Feb 2019 13:56
Operator : JU/SJ
Sample : K1385-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-01-2-4MSD

Manual Integrations APPROVED
Sohil
2/11/2019 4:49:52 PM

Quant Time: Feb 09 03:24:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133551	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	521631	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	254551	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	457771	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	308138	20.00	ng		0.00
87) Perylene-d12	15.47	264	298151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	541136	86.07	ng		-0.01
7) Phenol-d6	6.48	99	683362	78.22	ng		-0.01
23) Nitrobenzene-d5	7.39	82	427777	47.25	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	199391	67.30	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	871779	48.44	ng		-0.02
79) Terphenyl-d14	12.94	244	793506	48.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	64957	25.934	ng		96
3) Pyridine	3.39	79	156272	24.527	ng		96
4) n-Nitrosodimethylamine	3.31	42	86337	32.254	ng	#	89
6) Aniline	6.49	93	136439	13.128	ng	#	1
8) 2-Chlorophenol	6.63	128	208841	24.691	ng		98
9) Benzaldehyde	6.38	77	96524	21.137	ng		97
10) Phenol	6.49	94	252135	26.304	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	184406	24.436	ng		96
12) 1,3-Dichlorobenzene	6.77	146	225975	22.940	ng		99
13) 1,4-Dichlorobenzene	6.85	146	231398	22.825	ng		98
14) 1,2-Dichlorobenzene	7.00	146	216847	22.846	ng		98
15) Benzyl Alcohol	6.97	79	174732	23.725	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	220570	22.764	ng	#	41
17) 2-Methylphenol	7.10	107	159182	23.740	ng	#	92
18) Hexachloroethane	7.34	117	77894	21.880	ng		100
19) n-Nitroso-di-n-propylamine	7.24	70	137515	22.826	ng		99
20) 3+4-Methylphenols	7.26	107	213098	24.853	ng	#	61
22) Acetophenone	7.24	105	282994	22.280	ng	#	93
24) Nitrobenzene	7.42	77	206632	22.854	ng		93
25) Isophorone	7.65	82	362504	25.524	ng		99
26) 2-Nitrophenol	7.73	139	108621	22.480	ng		100
27) 2,4-Dimethylphenol	7.77	122	177461	26.657	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	229416	23.723	ng		98
29) 2,4-Dichlorophenol	7.99	162	177481	23.824	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	194627	22.728	ng		99
31) Naphthalene	8.13	128	619829	25.409	ng		98
33) 4-Chloroaniline	8.19	127	111601	10.507	ng		97
34) Hexachlorobutadiene	8.25	225	105359	20.967	ng		99
35) Caprolactam	8.55	113	55101	20.966	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	177048	22.450	ng		97
37) 2-Methylnaphthalene	8.83	142	430922	25.805	ng		98
38) 1-Methylnaphthalene	8.93	142	402163	25.126	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	190222	22.760	ng		99
41) Hexachlorocyclopentadiene	8.98	237	44318	21.833	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	121150	23.516	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	126844	23.558	ng		98
46) 1,1'-Biphenyl	9.29	154	516558	23.212	ng		98
47) 2-Chloronaphthalene	9.32	162	395893	22.941	ng		97
48) 2-Nitroaniline	9.42	65	110504	23.494	ng		89
49) Acenaphthylene	9.73	152	635562	25.127	ng		98
50) Dimethylphthalate	9.59	163	505935	25.582	ng		99
51) 2,6-Dinitrotoluene	9.66	165	100546	22.700	ng		97
52) Acenaphthene	9.90	154	364166	24.101	ng		98
53) 3-Nitroaniline	9.83	138	80724	16.822	ng	#	95
54) 2,4-Dinitrophenol	9.96	184	7588	5.338	ng	#	82
55) Dibenzofuran	10.07	168	551689	23.893	ng		96
56) 4-Nitrophenol	10.02	139	103095	40.636	ng		92
57) 2,4-Dinitrotoluene	10.07	165	131814	23.376	ng	#	84
58) Fluorene	10.42	166	444091	25.701	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	98321	24.164	ng		95
60) Diethylphthalate	10.29	149	457271	23.298	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	203682	21.670	ng		92
62) 4-Nitroaniline	10.44	138	98403	20.907	ng		97
63) Azobenzene	10.57	77	392692	22.750	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	19839	7.730	ng		92
66) n-Nitrosodiphenylamine	10.53	169	369780	23.968	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	123622	22.961	ng		96
68) Hexachlorobenzene	10.97	284	132673	22.968	ng		98
69) Atrazine	11.05	200	117999	23.703	ng		98
70) Pentachlorophenol	11.17	266	87468	38.915	ng		95
71) Phenanthrene	11.38	178	703190	29.547	ng		98
72) Anthracene	11.43	178	637827	26.905	ng		99
73) Carbazole	11.59	167	517854	22.145	ng		99
74) Di-n-butylphthalate	11.91	149	741314	25.540	ng		98
75) Fluoranthene	12.57	202	740705	29.018	ng		97
77) Benzidine	12.69	184	144744	17.067	ng		96
78) Pyrene	12.80	202	708369	33.204	ng		98
80) Butylbenzylphthalate	13.40	149	245241	23.760	ng		93
81) Benzo(a)anthracene	13.99	228	521724	28.802	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	118823	17.528	ng		95
83) Chrysene	14.03	228	479091	27.708	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	339532	23.174	ng	#	97
85) Di-n-octyl phthalate	14.57	149	530957	23.554	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	449288	32.793	ng		97
88) Benzo(b)fluoranthene	15.04	252	499171	27.995	ng		98
89) Benzo(k)fluoranthene	15.07	252	446343m	26.134	ng		
90) Benzo(a)pyrene	15.41	252	467621	29.146	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	351188	27.159	ng		99
92) Benzo(g,h,i)perylene	17.40	276	361382	29.623	ng		96

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

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