Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112475.D
Acq On : 8 Feb 2019 22:19
Operator : JU/SJ
Sample : K1385-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
2/11/2019 4:47:13 PM

Quant Time: Feb 11 12:48:33 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	118582	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	460998	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	218107	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	373229	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	261765	20.00	ng		0.00
87) Perylene-d12	15.47	264	263524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	656872	117.66	ng		0.00
7) Phenol-d6	6.49	99	827559	106.68	ng		0.00
23) Nitrobenzene-d5	7.40	82	522304	65.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	198568	78.22	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1051798	68.20	ng		-0.02
79) Terphenyl-d14	12.94	244	892881	64.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	78147	35.139	ng		96
3) Pyridine	3.39	79	198987	35.174	ng		96
4) n-Nitrosodimethylamine	3.32	42	104030	43.769	ng		97
6) Aniline	6.50	93	135656	14.700	ng	#	1
8) 2-Chlorophenol	6.63	128	265336	35.330	ng		99
9) Benzaldehyde	6.38	77	123463	30.449	ng		100
10) Phenol	6.50	94	310461	36.478	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	228313	34.074	ng		99
12) 1,3-Dichlorobenzene	6.77	146	284842	32.566	ng		99
13) 1,4-Dichlorobenzene	6.85	146	289972	32.213	ng		99
14) 1,2-Dichlorobenzene	7.00	146	274588	32.581	ng		98
15) Benzyl Alcohol	6.98	79	219676	33.592	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	277300	32.232	ng	#	17
17) 2-Methylphenol	7.10	107	203074	34.110	ng	#	87
18) Hexachloroethane	7.34	117	97670	30.899	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	177257	33.137	ng		98
20) 3+4-Methylphenols	7.26	107	271751	35.695	ng	#	61
22) Acetophenone	7.24	105	361887	32.238	ng		93
24) Nitrobenzene	7.42	77	261499	32.727	ng		96
25) Isophorone	7.65	82	465464	37.085	ng		99
26) 2-Nitrophenol	7.73	139	120123	28.131	ng		96
27) 2,4-Dimethylphenol	7.77	122	220609	37.498	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	288142	33.715	ng		99
29) 2,4-Dichlorophenol	7.99	162	217347	33.012	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	244661	32.329	ng		99
31) Naphthalene	8.14	128	773641	35.886	ng		98
33) 4-Chloroaniline	8.19	127	92310	9.834	ng		97
34) Hexachlorobutadiene	8.25	225	137849	31.040	ng		98
35) Caprolactam	8.55	113	63291	27.250	ng		94
36) 4-Chloro-3-methylphenol	8.69	107	219593	31.507	ng		98
37) 2-Methylnaphthalene	8.83	142	535024	36.252	ng		97
38) 1-Methylnaphthalene	8.93	142	500937	35.413	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	240001	33.514	ng		99
41) Hexachlorocyclopentadiene	8.98	237	29277	19.010	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	135308	30.652	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	130821	28.356	ng		97
46) 1,1'-Biphenyl	9.29	154	641192	33.627	ng		98
47) 2-Chloronaphthalene	9.32	162	484817	32.788	ng		96
48) 2-Nitroaniline	9.42	65	137638	34.152	ng		100
49) Acenaphthylene	9.73	152	779060	35.947	ng		98
50) Dimethylphthalate	9.59	163	641724	37.869	ng		99
51) 2,6-Dinitrotoluene	9.66	165	126411	33.308	ng	#	87
52) Acenaphthene	9.90	154	444381	34.324	ng		99
53) 3-Nitroaniline	9.83	138	85829	20.875	ng	#	99
54) 2,4-Dinitrophenol	9.98	184	866	0.711	ng	#	67
55) Dibenzofuran	10.07	168	668076	33.768	ng		94
56) 4-Nitrophenol	10.02	139	91633	42.154	ng		95
57) 2,4-Dinitrotoluene	10.07	165	158786	32.864	ng	#	81
58) Fluorene	10.42	166	536398	36.230	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	97090	27.848	ng		97
60) Diethylphthalate	10.29	149	572137	34.022	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	255927	31.778	ng		90
62) 4-Nitroaniline	10.45	138	120438	29.864	ng		94
63) Azobenzene	10.57	77	479047	32.390	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	6602	3.155	ng		81
66) n-Nitrosodiphenylamine	10.53	169	460966	36.646	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	151476	34.507	ng		96
68) Hexachlorobenzene	10.97	284	160430	34.064	ng		97
69) Atrazine	11.05	200	145295	35.797	ng		96
70) Pentachlorophenol	11.18	266	62371	34.035	ng		99
71) Phenanthrene	11.38	178	765029	39.427	ng		98
72) Anthracene	11.43	178	738628	38.214	ng		98
73) Carbazole	11.59	167	617054	32.364	ng		99
74) Di-n-butylphthalate	11.91	149	837933	35.407	ng		98
75) Fluoranthene	12.57	202	789292	37.926	ng		97
77) Benzidine	12.69	184	132170m	18.345	ng		
78) Pyrene	12.80	202	763113	42.107	ng		98
80) Butylbenzylphthalate	13.41	149	294197	33.552	ng		98
81) Benzo(a)anthracene	13.99	228	620322	40.312	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	120204	20.873	ng		99
83) Chrysene	14.03	228	584896	39.820	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	414199	33.279	ng	#	97
85) Di-n-octyl phthalate	14.57	149	665699	34.764	ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	521279	44.788	ng		97
88) Benzo(b)fluoranthene	15.05	252	663045	42.071	ng		98
89) Benzo(k)fluoranthene	15.07	252	555989	36.831	ng		99
90) Benzo(a)pyrene	15.42	252	578909	40.824	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	427244	37.383	ng		99
92) Benzo(g,h,i)perylene	17.41	276	413335	38.334	ng		98

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

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