Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112676.D
Acq On : 22 Feb 2019 20:38
Operator : JU/SJ
Sample : K1556-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Manual Integrations APPROVED
Sohil
2/25/2019 9:21:19 AM

Quant Time: Feb 23 01:18:58 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	6.82	152	29778	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	115392	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	56646	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	108317	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	75394	20.00	ng		-0.03
87) Perylene-d12	15.44	264	70115	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	233089	166.26	ng		-0.02
7) Phenol-d6	6.48	99	297678	152.81	ng		-0.01
23) Nitrobenzene-d5	7.38	82	188692	94.22	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	92268	139.94	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	374427	93.49	ng		-0.04
79) Terphenyl-d14	12.91	244	398717	99.60	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	24499	43.868	ng		95
3) Pyridine	3.24	79	60713m	42.737	ng		
4) n-Nitrosodimethylamine	3.17	42	34076m	57.093	ng		
6) Aniline	6.48	93	87937	37.947	ng		89
8) 2-Chlorophenol	6.62	128	91049	48.277	ng		97
9) Benzaldehyde	6.37	77	34464	33.848	ng		99
10) Phenol	6.49	94	120254	56.266	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	78759	46.807	ng		97
12) 1,3-Dichlorobenzene	6.76	146	97457	44.371	ng		97
13) 1,4-Dichlorobenzene	6.83	146	98938	43.769	ng		98
14) 1,2-Dichlorobenzene	6.99	146	96518	45.605	ng		97
15) Benzyl Alcohol	6.97	79	75340	45.878	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.09	45	90491	41.886	ng		84
17) 2-Methylphenol	7.10	107	69373	46.402	ng		94
18) Hexachloroethane	7.32	117	34833	43.883	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	60314	44.901	ng		98
20) 3+4-Methylphenols	7.26	107	91835	48.036	ng	#	61
22) Acetophenone	7.23	105	128840	45.854	ng	#	92
24) Nitrobenzene	7.40	77	92530	46.263	ng		98
25) Isophorone	7.64	82	159247	50.688	ng		96
26) 2-Nitrophenol	7.72	139	46082	43.113	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	77647	52.726	ng		92
28) bis(2-Chloroethoxy)methane	7.84	93	98013	45.817	ng		99
29) 2,4-Dichlorophenol	7.99	162	76156	46.211	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	84450	44.581	ng		98
31) Naphthalene	8.12	128	296314	54.911	ng		100
32) Benzoic acid	7.89	122	14956m	17.804	ng		
33) 4-Chloroaniline	8.19	127	59233	25.209	ng		95
34) Hexachlorobutadiene	8.23	225	47825	43.023	ng		98
35) Caprolactam	8.53	113	23231	39.959	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	80482	46.132	ng		99
37) 2-Methylnaphthalene	8.81	142	214345	58.023	ng		96
38) 1-Methylnaphthalene	8.91	142	200957	56.755	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	82092	44.138	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	5013	15.771 ng		98
43) 2,4,6-Trichlorophenol	9.10	196	49684	43.337 ng		94
44) 2,4,5-Trichlorophenol	9.17	196	51864	43.285 ng	#	94
46) 1,1'-Biphenyl	9.27	154	232028	46.854 ng		98
47) 2-Chloronaphthalene	9.30	162	169541	44.148 ng		95
48) 2-Nitroaniline	9.41	65	48063	45.919 ng		98
49) Acenaphthylene	9.71	152	300480	53.384 ng		98
50) Dimethylphthalate	9.57	163	220928	50.198 ng		98
51) 2,6-Dinitrotoluene	9.64	165	43834	44.471 ng	#	68
52) Acenaphthene	9.88	154	224190	66.675 ng		98
53) 3-Nitroaniline	9.82	138	39516	37.005 ng	#	88
54) 2,4-Dinitrophenol	9.98	184	7173	22.676 ng	#	73
55) Dibenzofuran	10.06	168	309547	60.243 ng		91
56) 4-Nitrophenol	10.06	139	168873	299.119 ng	#	19
57) 2,4-Dinitrotoluene	10.06	165	59351	47.298 ng	#	81
58) Fluorene	10.40	166	283185	73.647 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	39469	43.589 ng	#	85
60) Diethylphthalate	10.26	149	206500	47.280 ng		96
61) 4-Chlorophenyl-phenylether	10.38	204	93665	44.780 ng	#	87
62) 4-Nitroaniline	10.44	138	40894	39.043 ng		90
63) Azobenzene	10.55	77	181220	47.178 ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	9373	15.434 ng	#	71
66) n-Nitrosodiphenylamine	10.50	169	170186	46.619 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	54376	42.682 ng		100
68) Hexachlorobenzene	10.96	284	60390	44.183 ng		97
69) Atrazine	11.03	200	51614	43.817 ng		95
70) Pentachlorophenol	11.17	266	30758	57.834 ng		99
71) Phenanthrene	11.37	178	1110206	197.151 ng		98
72) Anthracene	11.42	178	514528	91.725 ng		98
73) Carbazole	11.57	167	294274	53.183 ng		98
74) Di-n-butylphthalate	11.88	149	328571	47.840 ng		98
75) Fluoranthene	12.56	202	1236551	204.733 ng		99
77) Benzidine	12.67	184	146955	70.818 ng		96
78) Pyrene	12.79	202	1028703	197.075 ng		99
80) Butylbenzylphthalate	13.37	149	130654	51.735 ng	#	92
81) Benzo(a)anthracene	13.97	228	560795	126.532 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	69015	41.609 ng		96
83) Chrysene	14.00	228	468490	110.738 ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	173656	48.442 ng	#	95
85) Di-n-octyl phthalate	14.53	149	263824	47.834 ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	328998	98.142 ng	#	91
88) Benzo(b)fluoranthene	15.02	252	503910	120.173 ng		99
89) Benzo(k)fluoranthene	15.04	252	332157m	82.698 ng		
90) Benzo(a)pyrene	15.39	252	427468	113.296 ng		97
91) Dibenzo(a,h)anthracene	16.93	278	188859	62.108 ng		98
92) Benzo(g,h,i)perylene	17.38	276	264594	92.229 ng		96

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

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