Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108146.D
Acq On : 14 Aug 2018 15:53
Operator : JU/SJ
Sample : J4449-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Manual Integrations APPROVED
Sohil
8/15/2018 3:38:35 PM

Quant Time: Aug 14 17:35:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	201329	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	725111	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	309930	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	530990	20.00	ng		0.00
75) Chrysene-d12	14.22	240	444211	20.00	ng		0.00
86) Perylene-d12	15.78	264	300756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1125091	101.17	ng		0.02
7) Phenol-d6	6.64	99	1504606	101.82	ng		0.01
23) Nitrobenzene-d5	7.58	82	983202	75.66	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	320844	103.78	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1682946	87.18	ng		0.00
78) Terphenyl-d14	13.15	244	1524000	87.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	160240	28.043	ng		89
3) Pyridine	3.73	79	458921	31.178	ng		85
4) n-Nitrosodimethylamine	3.69	42	275431	33.255	ng		81
6) Aniline	6.68	93	619670	30.828	ng		98
8) 2-Chlorophenol	6.81	128	463206	36.984	ng		95
9) Benzaldehyde	6.58	77	298728	26.073	ng		99
10) Phenol	6.65	94	560905	36.695	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	451870	36.566	ng		95
12) 1,3-Dichlorobenzene	6.96	146	523463	36.147	ng		96
13) 1,4-Dichlorobenzene	7.04	146	523598	35.986	ng		99
14) 1,2-Dichlorobenzene	7.20	146	485829	35.897	ng		96
15) Benzyl Alcohol	7.15	79	448586	36.059	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	879784	34.558	ng		96
17) 2-Methylphenol	7.26	107	391248	36.427	ng		94
18) Hexachloroethane	7.53	117	167286	32.294	ng		98
19) n-Nitroso-di-n-propylamine	7.42	70	349437	34.968	ng		90
20) 3+4-Methylphenols	7.41	107	493730	35.872	ng		93
22) Acetophenone	7.42	105	663156	39.113	ng	#	92
24) Nitrobenzene	7.60	77	512967	39.038	ng		95
25) Isophorone	7.84	82	926846	37.421	ng		97
26) 2-Nitrophenol	7.92	139	206612	41.636	ng		95
27) 2,4-Dimethylphenol	7.94	122	421870	38.377	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	570628	39.465	ng		99
29) 2,4-Dichlorophenol	8.15	162	390643	38.615	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	425922	38.187	ng		98
31) Naphthalene	8.32	128	1274547	38.650	ng		99
32) Benzoic acid	8.00	122	14811	8.007	ng		96
33) 4-Chloroaniline	8.37	127	424431	29.534	ng		99
34) Hexachlorobutadiene	8.44	225	273904	38.792	ng		99
35) Caprolactam	8.73	113	113892m	35.926	ng		
36) 4-Chloro-3-methylphenol	8.84	107	392516	35.967	ng		96
37) 2-Methylnaphthalene	9.02	142	847452	36.323	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	424952	44.649	ng		97
40) Hexachlorocyclopentadiene	9.17	237	103764	16.879	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	267618	45.312	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	270900	41.666	ng		96
45) 1,1'-Biphenyl	9.48	154	1014311	44.388	ng		99
46) 2-Chloronaphthalene	9.51	162	768482	42.550	ng		96
47) 2-Nitroaniline	9.60	65	254865	43.613	ng		86
48) Acenaphthylene	9.93	152	1162998	40.732	ng		98
49) Dimethylphthalate	9.78	163	1061378	49.163	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	181065	40.086	ng		92
51) Acenaphthene	10.10	154	674216	38.552	ng		99
52) 3-Nitroaniline	10.01	138	177292	35.874	ng		91
53) 2,4-Dinitrophenol	10.12	184	7599	11.122	ng	#	27
54) Dibenzofuran	10.27	168	1000907	39.504	ng		97
55) 4-Nitrophenol	10.17	139	243945	65.185	ng	#	84
56) 2,4-Dinitrotoluene	10.25	165	217560	37.419	ng	#	91
57) Fluorene	10.62	166	763028	38.043	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	199842	36.775	ng	#	87
59) Diethylphthalate	10.48	149	858700	41.075	ng		96
60) 4-Chlorophenyl-phenylether	10.61	204	408861	39.121	ng		90
61) 4-Nitroaniline	10.63	138	171053	35.008	ng		95
62) Azobenzene	10.77	77	800693	37.087	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	12871	11.094	ng		88
65) n-Nitrosodiphenylamine	10.72	169	691522	44.071	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	246402	42.701	ng	#	83
67) Hexachlorobenzene	11.17	284	247703	40.798	ng	#	85
68) Atrazine	11.25	200	218347	41.488	ng		94
69) Pentachlorophenol	11.36	266	216664	74.556	ng		99
70) Phenanthrene	11.59	178	1012598	40.431	ng		100
71) Anthracene	11.64	178	1047927	40.824	ng		100
72) Carbazole	11.79	167	900982	39.506	ng		99
73) Di-n-butylphthalate	12.11	149	1178945	45.638	ng		99
74) Fluoranthene	12.78	202	1099686	40.232	ng		97
76) Benzidine	12.90	184	753578	45.405	ng		98
77) Pyrene	13.02	202	1108318	39.409	ng		100
79) Butylbenzylphthalate	13.62	149	486965	43.607	ng		99
80) Benzo(a)anthracene	14.21	228	1027748	40.315	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	375070	41.054	ng	#	96
82) Chrysene	14.25	228	943004	40.348	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	664883	43.966	ng		100
84) Di-n-octyl phthalate	14.80	149	1149939	49.860	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	590308	29.150	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	788182	43.858	ng	#	95
88) Benzo(k)fluoranthene	15.35	252	708830	42.907	ng	#	95
89) Benzo(a)pyrene	15.72	252	652887	40.570	ng	#	97
90) Dibenzo(a,h)anthracene	17.42	278	501928	37.696	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	482642	36.811	ng	#	91

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

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