Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106373.D
Acq On : 13 Jun 2018 5:18
Operator : JU/SJ
Sample : J3164-14MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MS

Manual Integrations APPROVED
Sohil
6/13/2018 4:56:39 PM

Quant Time: Jun 13 07:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111457	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	383045	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	161632	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	309775	20.00	ng		0.00
75) Chrysene-d12	14.15	240	298149	20.00	ng		0.00
86) Perylene-d12	15.69	264	202090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	333476	50.64	ng		0.04
7) Phenol-d6	6.64	99	246537	29.63	ng		0.05
23) Nitrobenzene-d5	7.54	82	548557	84.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	198691	127.76	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	871918	101.82	ng		0.00
78) Terphenyl-d14	13.09	244	944400	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	50609	14.849	ng		96
3) Pyridine	3.65	79	26649	2.806	ng		97
4) n-Nitrosodimethylamine	3.57	42	60619	13.932	ng		95
6) Aniline	6.64	93	48874m	4.023	ng		
8) 2-Chlorophenol	6.78	128	215782	30.470	ng		99
9) Benzaldehyde	6.52	77	81449	12.906	ng		99
10) Phenol	6.65	94	117682	12.957	ng		87
11) bis(2-Chloroethyl)ether	6.71	93	302373	38.888	ng		98
12) 1,3-Dichlorobenzene	6.91	146	293925	35.265	ng		98
13) 1,4-Dichlorobenzene	6.99	146	299260	35.381	ng		98
14) 1,2-Dichlorobenzene	7.15	146	280832	35.270	ng		97
15) Benzyl Alcohol	7.11	79	129377	18.158	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	443906	39.827	ng		65
17) 2-Methylphenol	7.25	107	143954	22.784	ng	#	84
18) Hexachloroethane	7.48	117	126622	42.015	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	206384	33.064	ng		95
20) 3+4-Methylphenols	7.40	107	173931	21.526	ng		93
22) Acetophenone	7.38	105	395185	40.939	ng	#	98
24) Nitrobenzene	7.55	77	309642	43.753	ng		95
25) Isophorone	7.79	82	537071	42.230	ng		97
26) 2-Nitrophenol	7.87	139	124491	45.320	ng		98
27) 2,4-Dimethylphenol	7.92	122	196695	36.533	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	310841	37.694	ng		98
29) 2,4-Dichlorophenol	8.14	162	200081	38.520	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	223645	38.400	ng		95
31) Naphthalene	8.28	128	731304	42.234	ng		97
32) Benzoic acid	8.00	122	19214	11.393	ng	#	1
33) 4-Chloroaniline	8.33	127	31738	4.136	ng	#	92
34) Hexachlorobutadiene	8.39	225	146300	39.101	ng		98
35) Caprolactam	8.67	113	11918	6.783	ng	#	83
36) 4-Chloro-3-methylphenol	8.82	107	176355	30.694	ng		96
37) 2-Methylnaphthalene	8.97	142	490599	41.598	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	233282	44.460	ng		96
40) Hexachlorocyclopentadiene	9.12	237	49549	17.116	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	141272	42.249	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	124710	34.596	ng		93
45) 1,1'-Biphenyl	9.44	154	549422	43.886	ng		97
46) 2-Chloronaphthalene	9.46	162	422329	42.154	ng		98
47) 2-Nitroaniline	9.56	65	128762	40.855	ng		93
48) Acenaphthylene	9.88	152	650381	42.412	ng		99
49) Dimethylphthalate	9.73	163	638075	55.256	ng		99
50) 2,6-Dinitrotoluene	9.80	165	96510	40.915	ng		95
51) Acenaphthene	10.05	154	415519	41.957	ng		99
52) 3-Nitroaniline	9.97	138	29659	10.594	ng		96
53) 2,4-Dinitrophenol	10.07	184	35974	38.255	ng	#	20
54) Dibenzofuran	10.22	168	580322	43.516	ng		99
55) 4-Nitrophenol	10.18	139	47853	22.300	ng		88
56) 2,4-Dinitrotoluene	10.20	165	129620	43.759	ng	#	94
57) Fluorene	10.57	166	460739	43.606	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	118607	41.514	ng	#	86
59) Diethylphthalate	10.42	149	480543	41.926	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	228187	41.061	ng		91
61) 4-Nitroaniline	10.58	138	66920	24.568	ng		98
62) Azobenzene	10.71	77	402537	33.681	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	31730	22.793	ng		97
65) n-Nitrosodiphenylamine	10.67	169	281710	27.059	ng		95
66) 4-Bromophenyl-phenylether	11.05	248	149558	42.448	ng	#	82
67) Hexachlorobenzene	11.11	284	152759	42.055	ng	#	88
68) Atrazine	11.20	200	22581	7.038	ng		93
69) Pentachlorophenol	11.32	266	150946	67.497	ng		99
70) Phenanthrene	11.53	178	658873	43.430	ng		98
71) Anthracene	11.58	178	666231	43.835	ng		100
72) Carbazole	11.74	167	516525	36.812	ng		99
73) Di-n-butylphthalate	12.05	149	738979	47.321	ng		100
74) Fluoranthene	12.72	202	781659	48.313	ng		98
77) Pyrene	12.95	202	795594	42.623	ng		99
79) Butylbenzylphthalate	13.56	149	347888	49.790	ng		95
80) Benzo(a)anthracene	14.15	228	748645	42.195	ng		98
82) Chrysene	14.18	228	702481	43.365	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	502638	50.172	ng		100
84) Di-n-octyl phthalate	14.75	149	828376	57.355	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	494617	38.259	ng		94
87) Benzo(b)fluoranthene	15.24	252	573374m	46.936	ng		
88) Benzo(k)fluoranthene	15.27	252	566869	46.855	ng	#	97
89) Benzo(a)pyrene	15.62	252	493654	44.927	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	427969	46.719	ng		96
91) Benzo(g,h,i)perylene	17.74	276	400895	45.032	ng	#	93

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

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