Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107614.D
Acq On : 24 Jul 2018 13:10
Operator : JU/SJ
Sample : PB111380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Manual Integrations APPROVED
Sohil
7/25/2018 12:57:59 PM

Quant Time: Jul 25 02:02:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	270219	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1059782	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	502139	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1040602	20.00	ng	0.00
75) Chrysene-d12	14.16	240	796022	20.00	ng	0.00
86) Perylene-d12	15.69	264	712880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1807688	107.56	ng	0.01
7) Phenol-d6	6.61	99	2109332	104.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1381980	88.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	740005	129.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2545965	87.55	ng	-0.01
78) Terphenyl-d14	13.09	244	2717284	87.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	208993	26.716	ng	# 86
3) Pyridine	3.70	79	573646	26.956	ng	86
4) n-Nitrosodimethylamine	3.65	42	278000	30.973	ng	95
6) Aniline	6.64	93	665647	25.574	ng	# 80
8) 2-Chlorophenol	6.76	128	658849	36.591	ng	94
9) Benzaldehyde	6.52	77	413867	32.191	ng	95
10) Phenol	6.62	94	772839	32.563	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	642687	32.663	ng	93
12) 1,3-Dichlorobenzene	6.91	146	696172	34.101	ng	97
13) 1,4-Dichlorobenzene	6.98	146	747283	35.714	ng	99
14) 1,2-Dichlorobenzene	7.14	146	660020	35.149	ng	98
15) Benzyl Alcohol	7.11	79	528475	38.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1059425	31.915	ng	78
17) 2-Methylphenol	7.22	107	559832	36.581	ng	# 90
18) Hexachloroethane	7.47	117	262113	35.715	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	446157	34.223	ng	99
20) 3+4-Methylphenols	7.38	107	712980	39.234	ng	# 65
22) Acetophenone	7.38	105	933394	37.502	ng	# 87
24) Nitrobenzene	7.55	77	692925	38.525	ng	97
25) Isophorone	7.78	82	1274213	38.003	ng	99
26) 2-Nitrophenol	7.87	139	387487	51.016	ng	96
27) 2,4-Dimethylphenol	7.90	122	607984	42.288	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	809571	36.130	ng	100
29) 2,4-Dichlorophenol	8.11	162	592331	40.308	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	599895	36.347	ng	99
31) Naphthalene	8.27	128	1920825	41.217	ng	98
32) Benzoic acid	8.00	122	101932	16.384	ng	96
33) 4-Chloroaniline	8.32	127	366075	17.972	ng	99
34) Hexachlorobutadiene	8.38	225	355025	36.200	ng	99
35) Caprolactam	8.70	113	202409m	42.347	ng	
36) 4-Chloro-3-methylphenol	8.81	107	658058	40.313	ng	99
37) 2-Methylnaphthalene	8.97	142	1348688	41.763	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	617986	36.898	ng	98
40) Hexachlorocyclopentadiene	9.11	237	726125	85.287	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	422999	39.457	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	473221	42.235	ng		93
45) 1,1'-Biphenyl	9.43	154	1642260	37.544	ng		98
46) 2-Chloronaphthalene	9.46	162	1225985	36.668	ng		99
47) 2-Nitroaniline	9.56	65	447678	45.927	ng		89
48) Acenaphthylene	9.88	152	2008184	39.983	ng		97
49) Dimethylphthalate	9.73	163	1429021	37.760	ng		99
50) 2,6-Dinitrotoluene	9.80	165	327473	43.584	ng		93
51) Acenaphthene	10.05	154	1127359	35.824	ng		99
52) 3-Nitroaniline	9.98	138	251346	27.497	ng		97
53) 2,4-Dinitrophenol	10.08	184	191819	61.648	ng	#	26
54) Dibenzofuran	10.22	168	1749246	37.757	ng		96
55) 4-Nitrophenol	10.15	139	528907	77.283	ng		95
56) 2,4-Dinitrotoluene	10.21	165	424579	46.813	ng	#	95
57) Fluorene	10.57	166	1400699	42.378	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	397519	42.630	ng	#	87
59) Diethylphthalate	10.42	149	1488121	37.651	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	693816	37.132	ng		96
61) 4-Nitroaniline	10.60	138	384755	50.100	ng		95
62) Azobenzene	10.71	77	1373821	37.069	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	175226	37.253	ng		91
65) n-Nitrosodiphenylamine	10.68	169	1259331	35.633	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	441626	36.052	ng		90
67) Hexachlorobenzene	11.11	284	486528	36.097	ng	#	84
68) Atrazine	11.20	200	401028	37.165	ng		95
69) Pentachlorophenol	11.31	266	447192	53.118	ng		98
70) Phenanthrene	11.53	178	1959628	38.645	ng		98
71) Anthracene	11.58	178	2104381	41.217	ng		97
72) Carbazole	11.74	167	2003825	37.742	ng		98
73) Di-n-butylphthalate	12.05	149	2230185	39.332	ng		98
74) Fluoranthene	12.72	202	2184211	40.140	ng		97
76) Benzidine	12.85	184	1319224	57.548	ng		98
77) Pyrene	12.96	202	2165239	39.767	ng		99
79) Butylbenzylphthalate	13.56	149	996753	42.567	ng		92
80) Benzo(a)anthracene	14.15	228	1840223	39.449	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	364088	22.758	ng	#	97
82) Chrysene	14.18	228	1776433	39.643	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1221995	36.986	ng		100
84) Di-n-octyl phthalate	14.73	149	1991814	38.785	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1573002	41.419	ng	#	94
87) Benzo(b)fluoranthene	15.23	252	1603108	41.089	ng		97
88) Benzo(k)fluoranthene	15.27	252	1470402m	38.468	ng		
89) Benzo(a)pyrene	15.62	252	1472602	41.263	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	1312881	42.557	ng		96
91) Benzo(g,h,i)perylene	17.75	276	1313748	43.173	ng	#	93

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

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