Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111808.D
Acq On : 2 Jan 2019 13:48
Operator : JU/SJ
Sample : PB116049BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Manual Integrations APPROVED
Sohil
1/3/2019 10:59:33 AM

Quant Time: Jan 03 06:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179787	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	673483	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	350838	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	679381	20.00	ng		0.01
76) Chrysene-d12	14.07	240	479397	20.00	ng		0.02
87) Perylene-d12	15.55	264	325154	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1256506	119.13	ng		0.04
7) Phenol-d6	6.55	99	1596895	118.96	ng		0.03
23) Nitrobenzene-d5	7.46	82	883682	76.37	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	552803	133.35	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1726236	71.72	ng		0.00
79) Terphenyl-d14	13.01	244	1955313	77.35	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	173359	34.934	ng		97
3) Pyridine	3.57	79	488366	37.774	ng		99
4) n-Nitrosodimethylamine	3.53	42	268973	42.510	ng		82
6) Aniline	6.57	93	469286	27.427	ng	#	29
8) 2-Chlorophenol	6.70	128	486179	41.611	ng		99
9) Benzaldehyde	6.45	77	126315	13.682	ng		97
10) Phenol	6.56	94	567599	37.476	ng	#	67
11) bis(2-Chloroethyl)ether	6.64	93	449409	39.597	ng		99
12) 1,3-Dichlorobenzene	6.85	146	552656	40.815	ng		98
13) 1,4-Dichlorobenzene	6.92	146	556573	40.530	ng		99
14) 1,2-Dichlorobenzene	7.07	146	526300	41.078	ng		98
15) Benzyl Alcohol	7.05	79	437863	41.072	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	749130	35.839	ng		75
17) 2-Methylphenol	7.17	107	390019	41.688	ng	#	86
18) Hexachloroethane	7.42	117	199231	43.053	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	345981	38.810	ng		98
20) 3+4-Methylphenols	7.32	107	495951	41.953	ng	#	85
22) Acetophenone	7.31	105	664059	38.920	ng	#	92
24) Nitrobenzene	7.48	77	521071	42.969	ng		97
25) Isophorone	7.72	82	927231	45.141	ng		99
26) 2-Nitrophenol	7.80	139	256532	52.160	ng	#	91
27) 2,4-Dimethylphenol	7.85	122	428894	44.238	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	571609	41.819	ng		97
29) 2,4-Dichlorophenol	8.05	162	435053	41.719	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	469086	40.367	ng		97
31) Naphthalene	8.21	128	1409038	43.543	ng		97
32) Benzoic acid	7.94	122	77944	12.159	ng		91
33) 4-Chloroaniline	8.25	127	338112	24.174	ng		99
34) Hexachlorobutadiene	8.33	225	289235	40.839	ng		99
35) Caprolactam	8.62	113	127217m	36.002	ng		
36) 4-Chloro-3-methylphenol	8.75	107	441836	43.103	ng		98
37) 2-Methylnaphthalene	8.90	142	972072	46.171	ng		98
38) 1-Methylnaphthalene	9.00	142	924014	45.698	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	462412	40.110	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	612408	109.469	ng		100
43) 2,4,6-Trichlorophenol	9.18	196	316412	41.108	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	327868	41.522	ng		93
46) 1,1'-Biphenyl	9.36	154	1190456	40.196	ng		95
47) 2-Chloronaphthalene	9.39	162	941503	40.125	ng		94
48) 2-Nitroaniline	9.48	65	293511	48.083	ng		98
49) Acenaphthylene	9.81	152	1498717	43.746	ng		95
50) Dimethylphthalate	9.66	163	1111344	43.318	ng		98
51) 2,6-Dinitrotoluene	9.72	165	249235	48.719	ng		91
52) Acenaphthene	9.98	154	940643	44.517	ng		96
53) 3-Nitroaniline	9.89	138	181098	33.193	ng		96
54) 2,4-Dinitrophenol	10.00	184	156716	94.044	ng		93
55) Dibenzofuran	10.15	168	1330561	41.680	ng		96
56) 4-Nitrophenol	10.07	139	373110	89.610	ng		90
57) 2,4-Dinitrotoluene	10.13	165	333907	54.308	ng	#	98
58) Fluorene	10.49	166	1035941	45.034	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	289487	43.563	ng		90
60) Diethylphthalate	10.36	149	1084441	43.090	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	519529	40.879	ng		96
62) 4-Nitroaniline	10.51	138	251132	47.359	ng		89
63) Azobenzene	10.65	77	1025313	40.581	ng		93
65) 4,6-Dinitro-2-methylphenol	10.54	198	129824	46.482	ng		80
66) n-Nitrosodiphenylamine	10.60	169	912872	40.029	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	342092	40.597	ng	#	89
68) Hexachlorobenzene	11.05	284	379019	40.341	ng		97
69) Atrazine	11.13	200	308092	38.887	ng		97
70) Pentachlorophenol	11.24	266	322634	55.547	ng		98
71) Phenanthrene	11.46	178	1525057	42.327	ng		95
72) Anthracene	11.51	178	1571065	43.442	ng		96
73) Carbazole	11.66	167	1361302	38.771	ng		95
74) Di-n-butylphthalate	11.99	149	1641933	41.708	ng		96
75) Fluoranthene	12.64	202	1540475	42.221	ng		96
77) Benzidine	12.76	184	523014	28.993	ng		97
78) Pyrene	12.87	202	1529575	45.182	ng		97
80) Butylbenzylphthalate	13.48	149	639244	46.323	ng		93
81) Benzo(a)anthracene	14.06	228	1228397	44.899	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	275306	25.468	ng	#	97
83) Chrysene	14.10	228	1120061	41.654	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	817838	47.050	ng		98
85) Di-n-octyl phthalate	14.65	149	1149100	42.668	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	906849	39.671	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	875901	46.092	ng	#	94
89) Benzo(k)fluoranthene	15.15	252	820866	45.373	ng	#	95
90) Benzo(a)pyrene	15.49	252	780783	45.224	ng	#	94
91) Dibenzo(a,h)anthracene	17.08	278	749868	49.600	ng	#	91
92) Benzo(g,h,i)perylene	17.52	276	777884	52.693	ng	#	87

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

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