Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117760.D
Acq On : 12 Nov 2019 15:35
Operator : JU
Sample : K5789-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-16B-SMSD

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:26 PM

Quant Time: Nov 12 16:31:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	282861	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1086949	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	572196	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1053813	20.00	ng	0.00
76) Chrysene-d12	14.12	240	614955	20.00	ng	0.00
87) Perylene-d12	15.63	264	669758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1812002	115.96	ng	0.00
7) Phenol-d6	6.55	99	2303629	119.56	ng	0.00
23) Nitrobenzene-d5	7.49	82	1441816	78.31	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	684336	122.26	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2682070	92.48	ng	0.00
79) Terphenyl-d14	13.06	244	2722487	91.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	260088	33.405	ng	99
3) Pyridine	3.53	79	672051	31.380	ng	99
4) n-Nitrosodimethylamine	3.48	42	336246	35.627	ng	96
6) Aniline	6.59	93	770868	28.507	ng	99
8) 2-Chlorophenol	6.71	128	698844	40.202	ng	99
9) Benzaldehyde	6.47	77	368174	27.463	ng	96
10) Phenol	6.56	94	891157	42.923	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	642481	37.475	ng	95
12) 1,3-Dichlorobenzene	6.87	146	765186	37.974	ng	98
13) 1,4-Dichlorobenzene	6.95	146	778368	38.589	ng	98
14) 1,2-Dichlorobenzene	7.10	146	736035	39.631	ng	99
15) Benzyl Alcohol	7.06	79	608193	39.588	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	947185	34.942	ng	99
17) 2-Methylphenol	7.17	107	580897	38.908	ng	98
18) Hexachloroethane	7.45	117	284868	38.207	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	457323	36.098	ng	97
20) 3+4-Methylphenols	7.32	107	702383	39.509	ng	94
22) Acetophenone	7.33	105	915159	36.838	ng	98
24) Nitrobenzene	7.50	77	731334	38.041	ng	100
25) Isophorone	7.75	82	1300761	36.940	ng	97
26) 2-Nitrophenol	7.83	139	380045	42.582	ng	95
27) 2,4-Dimethylphenol	7.86	122	646720	42.974	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	789807	34.941	ng	99
29) 2,4-Dichlorophenol	8.06	162	596024	38.442	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	668060	37.639	ng	99
31) Naphthalene	8.23	128	2002343	40.303	ng	99
32) Benzoic acid	7.96	122	454531	38.155	ng	99
33) 4-Chloroaniline	8.27	127	412682	17.876	ng	99
34) Hexachlorobutadiene	8.35	225	372017	36.601	ng	98
35) Caprolactam	8.64	113	189373m	36.851	ng	
36) 4-Chloro-3-methylphenol	8.76	107	610111	38.996	ng	98
37) 2-Methylnaphthalene	8.93	142	1365146	40.362	ng	100
38) 1-Methylnaphthalene	9.03	142	1286770	40.062	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	607551	38.812	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	659046	78.040	ng		100
43) 2,4,6-Trichlorophenol	9.20	196	441615	38.735	ng		99
44) 2,4,5-Trichlorophenol	9.24	196	474119	41.027	ng		99
46) 1,1'-Biphenyl	9.39	154	1627385	40.609	ng		99
47) 2-Chloronaphthalene	9.42	162	1278570	38.446	ng		99
48) 2-Nitroaniline	9.51	65	381242	36.582	ng		98
49) Acenaphthylene	9.84	152	2005900	41.417	ng		99
50) Dimethylphthalate	9.69	163	1703534	44.039	ng		100
51) 2,6-Dinitrotoluene	9.75	165	338396	39.067	ng	#	85
52) Acenaphthene	10.01	154	1305121	41.762	ng		99
53) 3-Nitroaniline	9.92	138	220619	21.112	ng		100
54) 2,4-Dinitrophenol	10.03	184	279489	94.118	ng		98
55) Dibenzofuran	10.18	168	1748491	39.983	ng		98
56) 4-Nitrophenol	10.08	139	601188	76.497	ng		97
57) 2,4-Dinitrotoluene	10.16	165	441576	39.741	ng		98
58) Fluorene	10.53	166	1286669	39.921	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	383059	39.875	ng		99
60) Diethylphthalate	10.40	149	1437561	37.789	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	653156	38.930	ng		98
62) 4-Nitroaniline	10.54	138	349725	34.002	ng		97
63) Azobenzene	10.68	77	1359901	37.742	ng		99
65) 4,6-Dinitro-2-methylphenol	10.57	198	198986	47.288	ng		95
66) n-Nitrosodiphenylamine	10.63	169	1207712	38.803	ng		100
67) 4-Bromophenyl-phenylether	11.01	248	425094	36.936	ng		98
68) Hexachlorobenzene	11.07	284	484680	36.455	ng	#	90
69) Atrazine	11.16	200	403527	39.344	ng		99
70) Pentachlorophenol	11.27	266	532618	71.663	ng		100
71) Phenanthrene	11.49	178	1991726	39.431	ng		99
72) Anthracene	11.55	178	2033307	40.461	ng		99
73) Carbazole	11.70	167	1781102	38.771	ng		99
74) Di-n-butylphthalate	12.03	149	2123550	38.015	ng		99
75) Fluoranthene	12.69	202	1933312	37.484	ng		99
77) Benzidine	12.80	184	1157322	54.131	ng		99
78) Pyrene	12.92	202	1943493	43.293	ng		99
80) Butylbenzylphthalate	13.53	149	848282	40.910	ng		99
81) Benzo(a)anthracene	14.11	228	1512014	39.500	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	405799	28.385	ng		98
83) Chrysene	14.14	228	1469760	38.881	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1085389	40.579	ng	#	98
85) Di-n-octyl phthalate	14.71	149	1669562	39.667	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1869315	53.130	ng		100
88) Benzo(b)fluoranthene	15.18	252	1440416	34.147	ng		100
89) Benzo(k)fluoranthene	15.21	252	1435595	38.158	ng		99
90) Benzo(a)pyrene	15.56	252	1363351	37.284	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1549149	47.237	ng		97
92) Benzo(g,h,i)perylene	17.63	276	1598438	50.292	ng		100

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

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