Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117934.D
Acq On : 22 Nov 2019 22:41
Operator : JU
Sample : K5840-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MSD

Manual Integrations APPROVED
mohammad
11/25/2019 8:19:36 AM

Quant Time: Nov 23 03:52:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183672	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	673047	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	409954	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	816126	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	518251	20.00	ng		-0.01
87) Perylene-d12	15.60	264	457587	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1056363	101.81	ng		0.00
7) Phenol-d6	6.53	99	1465649	117.11	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1013056	89.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	409763	94.41	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	2029861	88.83	ng		-0.02
79) Terphenyl-d14	13.04	244	2211252	77.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	173763	35.826	ng		96
3) Pyridine	3.52	79	491762	38.651	ng		96
4) n-Nitrosodimethylamine	3.48	42	247172	44.504	ng		97
6) Aniline	6.57	93	436109	26.369	ng		99
8) 2-Chlorophenol	6.69	128	562445	49.954	ng		99
9) Benzaldehyde	6.45	77	250744	28.340	ng		99
10) Phenol	6.55	94	719368	55.313	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	479316	45.894	ng		97
12) 1,3-Dichlorobenzene	6.85	146	626838	47.289	ng		98
13) 1,4-Dichlorobenzene	6.92	146	617944	46.120	ng		98
14) 1,2-Dichlorobenzene	7.07	146	539186	42.077	ng		99
15) Benzyl Alcohol	7.05	79	491384	50.854	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	603501	37.532	ng		97
17) 2-Methylphenol	7.16	107	432412	45.351	ng		99
18) Hexachloroethane	7.42	117	213413	43.358	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	348824	45.178	ng		97
20) 3+4-Methylphenols	7.31	107	530361	44.809	ng	#	76
22) Acetophenone	7.32	105	705565	46.660	ng		99
24) Nitrobenzene	7.49	77	607084	51.976	ng		97
25) Isophorone	7.73	82	1140397	54.955	ng		97
26) 2-Nitrophenol	7.80	139	339806	59.772	ng		97
27) 2,4-Dimethylphenol	7.84	122	558066	63.173	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	662887	50.339	ng		99
29) 2,4-Dichlorophenol	8.05	162	538353	56.182	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	576840	51.898	ng		99
31) Naphthalene	8.22	128	1558748	49.678	ng		99
32) Benzoic acid	7.97	122	419622	56.731	ng		98
33) 4-Chloroaniline	8.26	127	183894	13.092	ng		99
34) Hexachlorobutadiene	8.33	225	315982	48.624	ng		98
35) Caprolactam	8.64	113	168648m	55.378	ng		
36) 4-Chloro-3-methylphenol	8.75	107	559918	57.577	ng		97
37) 2-Methylnaphthalene	8.91	142	1225230	57.793	ng		99
38) 1-Methylnaphthalene	9.01	142	1147702	57.263	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	529188	44.449	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	682937	102.361 ng	99
43) 2,4,6-Trichlorophenol	9.19	196	385745	45.236 ng	98
44) 2,4,5-Trichlorophenol	9.23	196	417923	47.203 ng	99
46) 1,1'-Biphenyl	9.37	154	1297361	42.656 ng	99
47) 2-Chloronaphthalene	9.40	162	1014959	40.565 ng	99
48) 2-Nitroaniline	9.49	65	303821	40.220 ng	98
49) Acenaphthylene	9.82	152	1704136	46.715 ng	100
50) Dimethylphthalate	9.68	163	1408745	49.004 ng	99
51) 2,6-Dinitrotoluene	9.74	165	280978	44.721 ng	90
52) Acenaphthene	9.99	154	1250344	53.506 ng	98
53) 3-Nitroaniline	9.90	138	160271	21.318 ng	95
54) 2,4-Dinitrophenol	10.02	184	324057	98.540 ng	90
55) Dibenzofuran	10.16	168	1507074	46.573 ng	99
56) 4-Nitrophenol	10.07	139	538516	95.964 ng	97
57) 2,4-Dinitrotoluene	10.15	165	431277	53.962 ng	96
58) Fluorene	10.51	166	1211038	48.294 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	349469	48.039 ng	99
60) Diethylphthalate	10.38	149	1373656	49.012 ng	98
61) 4-Chlorophenyl-phenylether	10.50	204	596258	46.854 ng	97
62) 4-Nitroaniline	10.53	138	316806	42.087 ng	98
63) Azobenzene	10.66	77	1247188	48.913 ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	234146	61.456 ng	98
66) n-Nitrosodiphenylamine	10.62	169	1093472	46.038 ng	99
67) 4-Bromophenyl-phenylether	10.99	248	396182	44.991 ng	99
68) Hexachlorobenzene	11.06	284	460378	44.836 ng	99
69) Atrazine	11.15	200	355950	45.558 ng	97
70) Pentachlorophenol	11.25	266	522658	87.125 ng	100
71) Phenanthrene	11.47	178	1845969	44.988 ng	99
72) Anthracene	11.53	178	1919285	47.177 ng	99
73) Carbazole	11.68	167	1664825	46.830 ng	99
74) Di-n-butylphthalate	12.01	149	2056277	46.456 ng	100
75) Fluoranthene	12.67	202	1894187	51.837 ng	99
77) Benzidine	12.79	184	555867	32.745 ng	99
78) Pyrene	12.90	202	1862804	44.477 ng	99
80) Butylbenzylphthalate	13.52	149	770934	42.857 ng	99
81) Benzo(a)anthracene	14.09	228	1572542	45.918 ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	378287	31.578 ng	98
83) Chrysene	14.13	228	1500954	45.230 ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	1104612	50.650 ng	98
85) Di-n-octyl phthalate	14.69	149	1689177	52.723 ng	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	1218778	43.152 ng	99
88) Benzo(b)fluoranthene	15.16	252	1290782	43.417 ng	99
89) Benzo(k)fluoranthene	15.19	252	1322047	47.196 ng	99
90) Benzo(a)pyrene	15.54	252	1144662	43.786 ng	100
91) Dibenzo(a,h)anthracene	17.14	278	1019138	45.292 ng	99
92) Benzo(g,h,i)perylene	17.59	276	857865	38.277 ng	99

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

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