Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115845.D
Acq On : 30 Jul 2019 16:48
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF073019

Quant Time: Jul 30 18:29:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 16:54:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142997	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	569336	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	296648	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	511794	20.00	ng		0.00
76) Chrysene-d12	14.03	240	394846	20.00	ng		0.00
87) Perylene-d12	15.49	264	382100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	690621	80.85	ng		0.00
7) Phenol-d6	6.49	99	870122	80.74	ng		0.00
23) Nitrobenzene-d5	7.42	82	793411	80.44	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	228348	79.40	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1328196	83.86	ng		0.00
79) Terphenyl-d14	12.97	244	1400413	74.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	171814	39.815	ng		99
3) Pyridine	3.36	79	479259	39.758	ng		100
4) n-Nitrosodimethylamine	3.30	42	188214	39.565	ng		99
6) Aniline	6.52	93	623969	40.428	ng		99
8) 2-Chlorophenol	6.64	128	378645	40.087	ng		97
9) Benzaldehyde	6.40	77	294168	39.560	ng		99
10) Phenol	6.50	94	518088	40.823	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	367029	39.336	ng		99
12) 1,3-Dichlorobenzene	6.80	146	436470	39.983	ng		100
13) 1,4-Dichlorobenzene	6.87	146	438614	40.129	ng		97
14) 1,2-Dichlorobenzene	7.03	146	410313	40.769	ng		100
15) Benzyl Alcohol	7.00	79	335908	41.071	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	504574	39.646	ng		99
17) 2-Methylphenol	7.11	107	316493	39.571	ng		99
18) Hexachloroethane	7.37	117	159670	39.677	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	261235	39.117	ng		99
20) 3+4-Methylphenols	7.26	107	387452	40.936	ng	#	79
22) Acetophenone	7.26	105	512063	41.010	ng		99
24) Nitrobenzene	7.43	77	433831	40.735	ng		99
25) Isophorone	7.67	82	743926	39.445	ng		99
26) 2-Nitrophenol	7.75	139	203881	40.612	ng		100
27) 2,4-Dimethylphenol	7.79	122	305478	40.445	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	467825	40.020	ng		99
29) 2,4-Dichlorophenol	7.99	162	324409	40.679	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	368283	40.513	ng		99
31) Naphthalene	8.16	128	1089664	40.672	ng		99
32) Benzoic acid	7.92	122	206485	38.777	ng		99
33) 4-Chloroaniline	8.20	127	480440	40.134	ng		98
34) Hexachlorobutadiene	8.28	225	208699	39.858	ng		99
35) Caprolactam	8.58	113	102938	39.910	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	331055	39.904	ng		98
37) 2-Methylnaphthalene	8.85	142	718901	40.743	ng		99
38) 1-Methylnaphthalene	8.95	142	678876	40.669	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	325757	41.076	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129773	39.674 ng	100
43) 2,4,6-Trichlorophenol	9.13	196	223529	40.949 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	227973	40.401 ng	98
46) 1,1'-Biphenyl	9.32	154	862700	41.192 ng	99
47) 2-Chloronaphthalene	9.35	162	710846	40.781 ng	100
48) 2-Nitroaniline	9.44	65	235489	40.872 ng	95
49) Acenaphthylene	9.76	152	1054492	41.466 ng	99
50) Dimethylphthalate	9.62	163	792783	39.250 ng	99
51) 2,6-Dinitrotoluene	9.68	165	175769	40.043 ng	96
52) Acenaphthene	9.93	154	640152	41.033 ng	100
53) 3-Nitroaniline	9.85	138	216877	39.987 ng	97
54) 2,4-Dinitrophenol	9.96	184	74897	38.084 ng	97
55) Dibenzofuran	10.10	168	938329	41.358 ng	99
56) 4-Nitrophenol	10.01	139	141564	40.744 ng	99
57) 2,4-Dinitrotoluene	10.09	165	236306	40.434 ng	99
58) Fluorene	10.45	166	714179	40.914 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	191113	40.257 ng	99
60) Diethylphthalate	10.32	149	741929	39.343 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	358809	40.587 ng	96
62) 4-Nitroaniline	10.46	138	223006	39.786 ng	98
63) Azobenzene	10.60	77	782142	40.324 ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	109327	40.310 ng	97
66) n-Nitrosodiphenylamine	10.56	169	626154	40.648 ng	100
67) 4-Bromophenyl-phenylether	10.93	248	220888	40.317 ng	94
68) Hexachlorobenzene	11.00	284	252779	39.900 ng	96
69) Atrazine	11.08	200	196724	38.819 ng	100
70) Pentachlorophenol	11.19	266	123843	40.264 ng	98
71) Phenanthrene	11.41	178	1066355	40.757 ng	100
72) Anthracene	11.46	178	1080095	40.790 ng	99
73) Carbazole	11.62	167	978655	40.738 ng	99
74) Di-n-butylphthalate	11.94	149	1102309	39.334 ng	99
75) Fluoranthene	12.60	202	1105955	40.376 ng	99
77) Benzidine	12.72	184	514853	38.596 ng	99
78) Pyrene	12.83	202	1131927	38.030 ng	99
80) Butylbenzylphthalate	13.44	149	467679	37.146 ng	99
81) Benzo(a)anthracene	14.02	228	1007628	39.926 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	350732	40.002 ng	99
83) Chrysene	14.06	228	966377	39.442 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	608613	37.199 ng	99
85) Di-n-octyl phthalate	14.62	149	996592	38.349 ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	805806	39.158 ng	100
88) Benzo(b)fluoranthene	15.07	252	869114	39.338 ng	96
89) Benzo(k)fluoranthene	15.10	252	876514	40.732 ng	99
90) Benzo(a)pyrene	15.43	252	789456	39.973 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	666587	38.992 ng	98
92) Benzo(g,h,i)perylene	17.42	276	629342	37.484 ng	99

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

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