Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112238.D
Acq On : 25 Jan 2019 18:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 28 03:07:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145944	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	498592	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	246781	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	488736	20.00	ng		0.00
76) Chrysene-d12	14.01	240	417287	20.00	ng		0.00
87) Perylene-d12	15.47	264	339084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	686881	99.97	ng		0.00
7) Phenol-d6	6.49	99	888026	93.01	ng		0.00
23) Nitrobenzene-d5	7.41	82	702949	81.24	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	249154	86.74	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1407089	80.64	ng		0.00
79) Terphenyl-d14	12.95	244	1673842	75.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	123981	45.296	ng		95
3) Pyridine	3.36	79	340782	48.945	ng		97
4) n-Nitrosodimethylamine	3.32	42	146399	50.047	ng		92
6) Aniline	6.51	93	528842	46.563	ng		90
8) 2-Chlorophenol	6.63	128	393780	42.602	ng		95
9) Benzaldehyde	6.39	77	217040	43.492	ng		99
10) Phenol	6.50	94	496334	47.384	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	367856	44.607	ng		97
12) 1,3-Dichlorobenzene	6.79	146	446425	41.471	ng		99
13) 1,4-Dichlorobenzene	6.86	146	451870	40.787	ng		99
14) 1,2-Dichlorobenzene	7.02	146	369130	35.587	ng		96
15) Benzyl Alcohol	6.99	79	295040	36.658	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	357280	33.743	ng		64
17) 2-Methylphenol	7.11	107	257053	35.081	ng		93
18) Hexachloroethane	7.36	117	142731	36.689	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	236807	35.970	ng		99
20) 3+4-Methylphenols	7.26	107	345067	36.827	ng	#	76
22) Acetophenone	7.26	105	493869	40.679	ng	#	96
24) Nitrobenzene	7.43	77	349099	40.396	ng		99
25) Isophorone	7.67	82	547709	40.347	ng		97
26) 2-Nitrophenol	7.75	139	189573	41.047	ng		92
27) 2,4-Dimethylphenol	7.79	122	253872	39.898	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	371386	40.179	ng		99
29) 2,4-Dichlorophenol	7.99	162	286728	40.267	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	327364	39.995	ng		99
31) Naphthalene	8.15	128	935982	40.143	ng		98
32) Benzoic acid	7.92	122	131968	36.359	ng		94
33) 4-Chloroaniline	8.20	127	404658	39.858	ng		98
34) Hexachlorobutadiene	8.27	225	190538	39.670	ng		100
35) Caprolactam	8.57	113	99911	39.774	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	305754	40.561	ng		96
37) 2-Methylnaphthalene	8.84	142	635292	39.801	ng		97
38) 1-Methylnaphthalene	8.94	142	613120	40.075	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	313606	38.704	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	98005	37.627	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	198539	39.751	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	212250	40.661	ng		97
46) 1,1'-Biphenyl	9.30	154	865553	40.119	ng		99
47) 2-Chloronaphthalene	9.33	162	670736	40.091	ng		97
48) 2-Nitroaniline	9.43	65	189879	41.640	ng		91
49) Acenaphthylene	9.75	152	983232	40.096	ng		99
50) Dimethylphthalate	9.60	163	766960	40.001	ng		98
51) 2,6-Dinitrotoluene	9.67	165	174474	40.631	ng		89
52) Acenaphthene	9.92	154	599829	40.948	ng		99
53) 3-Nitroaniline	9.84	138	192766	41.436	ng		92
54) 2,4-Dinitrophenol	9.95	184	56286	40.843	ng		92
55) Dibenzofuran	10.09	168	917033	40.966	ng		97
56) 4-Nitrophenol	10.02	139	106321	43.228	ng		90
57) 2,4-Dinitrotoluene	10.07	165	237000	43.353	ng	#	86
58) Fluorene	10.43	166	703802	42.014	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	167005	42.336	ng		91
60) Diethylphthalate	10.30	149	782565	41.128	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	369253	40.522	ng		94
62) 4-Nitroaniline	10.46	138	196957	43.163	ng		91
63) Azobenzene	10.58	77	705361	42.150	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	112915	41.207	ng		98
66) n-Nitrosodiphenylamine	10.54	169	656968	39.884	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	229108	39.857	ng		99
68) Hexachlorobenzene	10.99	284	244507	39.647	ng		98
69) Atrazine	11.07	200	212028	39.893	ng		97
70) Pentachlorophenol	11.18	266	100224	41.766	ng		97
71) Phenanthrene	11.39	178	1025938	40.377	ng		98
72) Anthracene	11.45	178	1043940	41.246	ng		99
73) Carbazole	11.60	167	1028714	41.204	ng		98
74) Di-n-butylphthalate	11.92	149	1246448	40.222	ng		99
75) Fluoranthene	12.58	202	1071403	39.314	ng		99
77) Benzidine	12.70	184	437182	38.065	ng		99
78) Pyrene	12.81	202	1106355	38.295	ng		99
80) Butylbenzylphthalate	13.42	149	544865	38.981	ng		91
81) Benzo(a)anthracene	14.00	228	964543	39.320	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	354084	38.570	ng		99
83) Chrysene	14.04	228	917213	39.171	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	761072	38.358	ng		98
85) Di-n-octyl phthalate	14.59	149	1212066	39.705	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	658022	35.465	ng		95
88) Benzo(b)fluoranthene	15.04	252	871490	42.975	ng		99
89) Benzo(k)fluoranthene	15.07	252	755738	38.907	ng		98
90) Benzo(a)pyrene	15.41	252	733043	40.174	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	567020	38.557	ng		98
92) Benzo(g,h,i)perylene	17.39	276	528525	38.094	ng		94

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

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