Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117447.D
Acq On : 18 Oct 2019 18:53
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF101819

Quant Time: Oct 18 19:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45298	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	193295	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	100034	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	160482	20.00	ng		0.00
76) Chrysene-d12	13.90	240	116220	20.00	ng		0.00
87) Perylene-d12	15.34	264	102969	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	261187	85.78	ng		0.00
7) Phenol-d6	6.38	99	345366	84.45	ng		0.00
23) Nitrobenzene-d5	7.30	82	326529	83.40	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	74037	85.54	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	586713	82.64	ng		0.00
79) Terphenyl-d14	12.84	244	560241	78.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	54499	42.572	ng		98
3) Pyridine	3.12	79	132243	42.199	ng		96
4) n-Nitrosodimethylamine	3.08	42	49931	43.918	ng		98
6) Aniline	6.40	93	206101	42.927	ng	#	71
8) 2-Chlorophenol	6.52	128	135451	42.158	ng		99
9) Benzaldehyde	6.29	77	86299	44.720	ng		98
10) Phenol	6.39	94	177330	42.485	ng		87
11) bis(2-Chloroethyl)ether	6.47	93	128233	41.536	ng		97
12) 1,3-Dichlorobenzene	6.67	146	149391	41.666	ng		97
13) 1,4-Dichlorobenzene	6.75	146	156510	43.030	ng		100
14) 1,2-Dichlorobenzene	6.90	146	145970	42.575	ng		99
15) Benzyl Alcohol	6.89	79	124794	42.712	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	141982	42.631	ng		86
17) 2-Methylphenol	7.00	107	111990	42.371	ng		98
18) Hexachloroethane	7.24	117	59564	41.956	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	106104	42.483	ng		95
20) 3+4-Methylphenols	7.16	107	144161	41.601	ng		99
22) Acetophenone	7.15	105	216229	42.128	ng		97
24) Nitrobenzene	7.32	77	156221	41.657	ng		99
25) Isophorone	7.56	82	284829	42.052	ng		98
26) 2-Nitrophenol	7.64	139	70023	41.865	ng		98
27) 2,4-Dimethylphenol	7.68	122	106902	42.767	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	176553	42.242	ng		99
29) 2,4-Dichlorophenol	7.89	162	109202	41.651	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	118914	42.265	ng		99
31) Naphthalene	8.04	128	406314	42.408	ng		99
32) Benzoic acid	7.84	122	70650	41.265	ng		96
33) 4-Chloroaniline	8.09	127	167144	41.336	ng		99
34) Hexachlorobutadiene	8.16	225	68011	41.763	ng		97
35) Caprolactam	8.47	113	37319	44.310	ng		98
36) 4-Chloro-3-methylphenol	8.59	107	124073	41.495	ng		100
37) 2-Methylnaphthalene	8.73	142	274133	42.462	ng		99
38) 1-Methylnaphthalene	8.83	142	256910	42.349	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	114211	42.390	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	20717	39.994	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	71051	42.111	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	72027	42.128	ng		97
46) 1,1'-Biphenyl	9.19	154	342963	41.413	ng		99
47) 2-Chloronaphthalene	9.22	162	261256	41.841	ng		98
48) 2-Nitroaniline	9.32	65	86531	42.214	ng		93
49) Acenaphthylene	9.63	152	384418	41.914	ng		99
50) Dimethylphthalate	9.50	163	299962	42.062	ng		98
51) 2,6-Dinitrotoluene	9.56	165	62513	42.008	ng		94
52) Acenaphthene	9.80	154	232186	41.263	ng		99
53) 3-Nitroaniline	9.73	138	75138	41.614	ng		99
54) 2,4-Dinitrophenol	9.86	184	26237	44.722	ng		94
55) Dibenzofuran	9.97	168	341981	41.948	ng		99
56) 4-Nitrophenol	9.92	139	31902	40.532	ng		97
57) 2,4-Dinitrotoluene	9.97	165	82987	41.944	ng		96
58) Fluorene	10.32	166	279878	41.514	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	55624	41.394	ng		96
60) Diethylphthalate	10.19	149	296927	41.165	ng		98
61) 4-Chlorophenyl-phenylether	10.31	204	128053	42.336	ng		91
62) 4-Nitroaniline	10.35	138	73960	43.458	ng		98
63) Azobenzene	10.47	77	306903	41.563	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	34057	41.740	ng		96
66) n-Nitrosodiphenylamine	10.43	169	238791	40.701	ng		97
67) 4-Bromophenyl-phenylether	10.80	248	71401	41.306	ng		91
68) Hexachlorobenzene	10.87	284	75556	40.814	ng	#	87
69) Atrazine	10.96	200	59684	39.984	ng		96
70) Pentachlorophenol	11.07	266	22749	40.992	ng		93
71) Phenanthrene	11.28	178	386763	41.504	ng		99
72) Anthracene	11.33	178	396682	41.488	ng		100
73) Carbazole	11.49	167	366248	41.915	ng		99
74) Di-n-butylphthalate	11.82	149	483386	41.402	ng		98
75) Fluoranthene	12.47	202	392466	42.071	ng		97
77) Benzidine	12.59	184	123876	36.231	ng		96
78) Pyrene	12.70	202	393099	39.378	ng		99
80) Butylbenzylphthalate	13.30	149	199211	40.102	ng		96
81) Benzo(a)anthracene	13.89	228	324839	41.436	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	103054	41.892	ng		97
83) Chrysene	13.93	228	317568	41.333	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	289615	41.619	ng	#	97
85) Di-n-octyl phthalate	14.49	149	458067	42.814	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	223618	38.983	ng		100
88) Benzo(b)fluoranthene	14.93	252	266370	43.808	ng		99
89) Benzo(k)fluoranthene	14.96	252	249639	40.057	ng		99
90) Benzo(a)pyrene	15.28	252	229854	41.577	ng		100
91) Dibenzo(a,h)anthracene	16.75	278	194028	40.589	ng		98
92) Benzo(g,h,i)perylene	17.17	276	179917	39.779	ng		99

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

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