Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111596.D
Acq On : 19 Dec 2018 17:34
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121918

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:56 PM

Quant Time: Dec 19 18:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217828	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	800766	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	401955	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	762986	20.00	ng		0.00
76) Chrysene-d12	14.05	240	574083	20.00	ng		0.00
87) Perylene-d12	15.53	264	466549	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1005619	78.69	ng		0.00
7) Phenol-d6	6.52	99	1276723	78.50	ng		0.00
23) Nitrobenzene-d5	7.46	82	1152061	83.74	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	380830	80.18	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2125557	77.08	ng		0.00
79) Terphenyl-d14	13.00	244	2373748	78.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	234911	39.070	ng		97
3) Pyridine	3.46	79	627811	40.079	ng		97
4) n-Nitrosodimethylamine	3.40	42	299375	39.052	ng		85
6) Aniline	6.56	93	805382	38.849	ng		100
8) 2-Chlorophenol	6.68	128	564344	39.865	ng		98
9) Benzaldehyde	6.45	77	441894	39.506	ng		98
10) Phenol	6.53	94	732601m	39.923	ng		
11) bis(2-Chloroethyl)ether	6.63	93	545164	39.646	ng		99
12) 1,3-Dichlorobenzene	6.84	146	651133	39.690	ng		99
13) 1,4-Dichlorobenzene	6.92	146	660130	39.676	ng		97
14) 1,2-Dichlorobenzene	7.07	146	619819	39.929	ng		97
15) Benzyl Alcohol	7.03	79	515807	39.934	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	986091	38.937	ng		100
17) 2-Methylphenol	7.14	107	448973	39.608	ng		96
18) Hexachloroethane	7.42	117	223832	39.922	ng	#	84
19) n-Nitroso-di-n-propylamine	7.31	70	415661	38.484	ng		95
20) 3+4-Methylphenols	7.30	107	564283	39.397	ng		95
22) Acetophenone	7.30	105	791873	39.034	ng	#	89
24) Nitrobenzene	7.47	77	599579	41.584	ng		97
25) Isophorone	7.72	82	951203	38.948	ng		97
26) 2-Nitrophenol	7.79	139	260374	44.526	ng		98
27) 2,4-Dimethylphenol	7.82	122	462093	40.086	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	633815	38.999	ng		98
29) 2,4-Dichlorophenol	8.03	162	486955	39.274	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	541349	39.181	ng		98
31) Naphthalene	8.20	128	1528307	39.721	ng		96
32) Benzoic acid	7.93	122	317340m	41.636	ng		
33) 4-Chloroaniline	8.25	127	645871	38.838	ng		99
34) Hexachlorobutadiene	8.33	225	334553	39.729	ng		98
35) Caprolactam	8.62	113	163391	38.890	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	483755	39.691	ng		99
37) 2-Methylnaphthalene	8.89	142	984822	39.342	ng		99
38) 1-Methylnaphthalene	8.99	142	945173	39.314	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	520572	39.413	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	243096	37.928	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	345351	39.162	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	360252	39.821	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1337663	39.423	ng		95
47) 2-Chloronaphthalene	9.38	162	1047740	38.974	ng		95
48) 2-Nitroaniline	9.47	65	301543	43.116	ng		94
49) Acenaphthylene	9.79	152	1553759	39.585	ng		96
50) Dimethylphthalate	9.65	163	1167791	39.729	ng		99
51) 2,6-Dinitrotoluene	9.71	165	253102	43.183	ng		95
52) Acenaphthene	9.97	154	962837	39.773	ng		99
53) 3-Nitroaniline	9.87	138	274803	43.963	ng		96
54) 2,4-Dinitrophenol	9.97	184	71913	42.047	ng	#	1
55) Dibenzofuran	10.14	168	1438130	39.321	ng		94
56) 4-Nitrophenol	10.02	139	213698	44.797	ng		90
57) 2,4-Dinitrotoluene	10.11	165	311108	44.165	ng	#	99
58) Fluorene	10.48	166	1022730	38.806	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	309764	40.686	ng		89
60) Diethylphthalate	10.35	149	1145807	39.739	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	567487	38.974	ng		90
62) 4-Nitroaniline	10.49	138	257866	42.445	ng		87
63) Azobenzene	10.63	77	1152623	39.819	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	124683	40.719	ng		92
66) n-Nitrosodiphenylamine	10.59	169	995185	38.856	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	373473	39.465	ng	#	91
68) Hexachlorobenzene	11.03	284	411343	38.984	ng		99
69) Atrazine	11.12	200	344927	38.766	ng		96
70) Pentachlorophenol	11.22	266	264587	40.561	ng		97
71) Phenanthrene	11.44	178	1570788	38.819	ng		96
72) Anthracene	11.49	178	1581516	38.939	ng		96
73) Carbazole	11.64	167	1542152	39.109	ng		96
74) Di-n-butylphthalate	11.97	149	1734607	39.234	ng		97
75) Fluoranthene	12.63	202	1593686	38.894	ng		95
77) Benzidine	12.74	184	793760m	36.744	ng		
78) Pyrene	12.85	202	1629391	40.192	ng		97
80) Butylbenzylphthalate	13.47	149	680908	41.204	ng		95
81) Benzo(a)anthracene	14.04	228	1282588	39.148	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	495715	38.295	ng	#	98
83) Chrysene	14.07	228	1281671	39.803	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	835458	40.136	ng		98
85) Di-n-octyl phthalate	14.65	149	1260756	39.093	ng		96
86) Indeno(1,2,3-cd)pyrene	17.00	276	1073512	39.217	ng	#	89
88) Benzo(b)fluoranthene	15.10	252	1075390	39.439	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	1041426	40.118	ng	#	97
90) Benzo(a)pyrene	15.46	252	988615	39.908	ng	#	94
91) Dibenzo(a,h)anthracene	17.03	278	902053	41.584	ng	#	92
92) Benzo(g,h,i)perylene	17.46	276	884861	41.774	ng	#	88

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

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