Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116476.D
Acq On : 23 Aug 2019 14:15
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF082319

Quant Time: Aug 23 16:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94542	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	367506	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	198474	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	328158	20.00	ng	0.00
76) Chrysene-d12	14.03	240	214219	20.00	ng	0.00
87) Perylene-d12	15.50	264	187384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	466000	72.02	ng	0.00
7) Phenol-d6	6.50	99	621484	78.34	ng	0.00
23) Nitrobenzene-d5	7.44	82	573533	85.38	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	125219	73.47	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	947168	76.85	ng	0.00
79) Terphenyl-d14	12.98	244	980778	85.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	107053	38.213	ng	97
3) Pyridine	3.42	79	325441	38.146	ng	99
4) n-Nitrosodimethylamine	3.36	42	133405	42.835	ng	94
6) Aniline	6.55	93	415181	38.654	ng	97
8) 2-Chlorophenol	6.67	128	247511	36.452	ng	98
9) Benzaldehyde	6.43	77	221451	41.776	ng	98
10) Phenol	6.52	94	323755	37.579	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	259703	39.591	ng	98
12) 1,3-Dichlorobenzene	6.83	146	284923	38.769	ng	97
13) 1,4-Dichlorobenzene	6.90	146	281471	39.793	ng	98
14) 1,2-Dichlorobenzene	7.06	146	264248	39.601	ng	99
15) Benzyl Alcohol	7.02	79	250232	38.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	340822	37.578	ng	100
17) 2-Methylphenol	7.13	107	213936	38.028	ng	99
18) Hexachloroethane	7.40	117	106639	38.657	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	199296	36.814	ng	98
20) 3+4-Methylphenols	7.28	107	264614	38.396	ng	97
22) Acetophenone	7.29	105	370232	40.288	ng	98
24) Nitrobenzene	7.46	77	292570	42.057	ng	97
25) Isophorone	7.70	82	518142	39.142	ng	99
26) 2-Nitrophenol	7.77	139	110150	43.349	ng	94
27) 2,4-Dimethylphenol	7.81	122	200523	37.821	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	319381	39.068	ng	99
29) 2,4-Dichlorophenol	8.02	162	196406	38.953	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	221551	39.031	ng	98
31) Naphthalene	8.19	128	703444	39.568	ng	99
32) Benzoic acid	7.92	122	150808	44.493	ng	95
33) 4-Chloroaniline	8.23	127	301821	38.672	ng	97
34) Hexachlorobutadiene	8.31	225	118424	38.254	ng	99
35) Caprolactam	8.59	113	66387	37.799	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	226822	39.870	ng	97
37) 2-Methylnaphthalene	8.87	142	473828	38.817	ng	98
38) 1-Methylnaphthalene	8.97	142	444775	39.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	197595	37.004	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	107302	37.349	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	136882	36.627	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	140891	37.051	ng		95
46) 1,1'-Biphenyl	9.34	154	605694	38.170	ng		99
47) 2-Chloronaphthalene	9.36	162	466164	37.893	ng		99
48) 2-Nitroaniline	9.45	65	162915	43.252	ng		97
49) Acenaphthylene	9.77	152	731024	40.616	ng		99
50) Dimethylphthalate	9.63	163	552634	39.908	ng		100
51) 2,6-Dinitrotoluene	9.69	165	113855	40.169	ng		93
52) Acenaphthene	9.95	154	468436	40.560	ng		99
53) 3-Nitroaniline	9.86	138	139138	41.182	ng		98
54) 2,4-Dinitrophenol	9.96	184	37284	38.479	ng		94
55) Dibenzofuran	10.12	168	649998	40.375	ng		100
56) 4-Nitrophenol	10.00	139	104742	39.886	ng		96
57) 2,4-Dinitrotoluene	10.09	165	147375	40.862	ng		99
58) Fluorene	10.46	166	486236	38.874	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	126340	40.463	ng		97
60) Diethylphthalate	10.33	149	569633	41.853	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	230148	37.717	ng		96
62) 4-Nitroaniline	10.47	138	133549	40.416	ng		96
63) Azobenzene	10.62	77	583468	41.694	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	52214	40.146	ng		97
66) n-Nitrosodiphenylamine	10.57	169	443178	41.708	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	140182	40.746	ng		97
68) Hexachlorobenzene	11.01	284	146738	38.563	ng	#	83
69) Atrazine	11.09	200	132283	41.551	ng		98
70) Pentachlorophenol	11.20	266	83660	37.683	ng		99
71) Phenanthrene	11.42	178	728646	40.760	ng		99
72) Anthracene	11.47	178	727002	40.471	ng		100
73) Carbazole	11.62	167	660902	40.988	ng		100
74) Di-n-butylphthalate	11.96	149	845245	42.303	ng		99
75) Fluoranthene	12.60	202	670861	36.298	ng		97
77) Benzidine	12.72	184	378971	43.971	ng		98
78) Pyrene	12.83	202	700836	40.910	ng		99
80) Butylbenzylphthalate	13.45	149	328884	44.453	ng		86
81) Benzo(a)anthracene	14.02	228	547936	39.493	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	188876	38.201	ng		98
83) Chrysene	14.06	228	571462	40.637	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	419561	42.528	ng	#	97
85) Di-n-octyl phthalate	14.63	149	695545	41.528	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	428957	35.610	ng		99
88) Benzo(b)fluoranthene	15.07	252	457208	39.497	ng		98
89) Benzo(k)fluoranthene	15.10	252	425549	40.579	ng		99
90) Benzo(a)pyrene	15.44	252	412087	40.280	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	352270	41.903	ng		99
92) Benzo(g,h,i)perylene	17.40	276	315969	39.425	ng		99

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

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