Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
Data File : BF116882.D
Acq On : 8 Sep 2019 21:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 09 02:15:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	83783	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	349661	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	174776	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	272389	20.00	ng		0.00
76) Chrysene-d12	14.00	240	176540	20.00	ng		0.00
87) Perylene-d12	15.45	264	155467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	443433	85.74	ng		0.00
7) Phenol-d6	6.48	99	578579	85.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	528176	86.23	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	119392	102.18	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	943451	91.06	ng		-0.01
79) Terphenyl-d14	12.94	244	840099	88.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	92813	38.877	ng		96
3) Pyridine	3.34	79	256927	37.170	ng		92
4) n-Nitrosodimethylamine	3.29	42	82853	34.906	ng		80
6) Aniline	6.50	93	378397	40.231	ng		98
8) 2-Chlorophenol	6.63	128	242855	43.017	ng		100
9) Benzaldehyde	6.39	77	167078	37.345	ng		96
10) Phenol	6.49	94	317133	42.174	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	235302	40.187	ng		97
12) 1,3-Dichlorobenzene	6.79	146	275090	43.113	ng		97
13) 1,4-Dichlorobenzene	6.86	146	280426	44.145	ng		99
14) 1,2-Dichlorobenzene	7.02	146	260344	44.224	ng		96
15) Benzyl Alcohol	6.99	79	222033	40.279	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	244349	35.569	ng		89
17) 2-Methylphenol	7.10	107	204390	41.357	ng		97
18) Hexachloroethane	7.36	117	106364	43.097	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	176755	39.531	ng		92
20) 3+4-Methylphenols	7.25	107	252394	43.923	ng	#	74
22) Acetophenone	7.25	105	364468	43.296	ng		96
24) Nitrobenzene	7.43	77	266204	42.733	ng		91
25) Isophorone	7.66	82	485248	39.097	ng		100
26) 2-Nitrophenol	7.74	139	108174	46.708	ng		97
27) 2,4-Dimethylphenol	7.78	122	185693	39.701	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	306513	40.413	ng		96
29) 2,4-Dichlorophenol	7.99	162	196334	43.678	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	212673	43.621	ng		96
31) Naphthalene	8.15	128	699350	42.062	ng		100
32) Benzoic acid	7.90	122	102314	38.741	ng		95
33) 4-Chloroaniline	8.19	127	310046	40.965	ng		98
34) Hexachlorobutadiene	8.27	225	121648	45.761	ng		99
35) Caprolactam	8.56	113	62703	37.274	ng		93
36) 4-Chloro-3-methylphenol	8.67	107	223212	43.205	ng		100
37) 2-Methylnaphthalene	8.84	142	473906	42.838	ng		96
38) 1-Methylnaphthalene	8.93	142	442263	42.350	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	190245	45.408	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	91182	37.688 ng		99
43) 2,4,6-Trichlorophenol	9.12	196	131038	45.626 ng		96
44) 2,4,5-Trichlorophenol	9.16	196	135176	45.336 ng		96
46) 1,1'-Biphenyl	9.30	154	570796	43.039 ng		97
47) 2-Chloronaphthalene	9.33	162	456741	43.482 ng		98
48) 2-Nitroaniline	9.42	65	133761	44.047 ng		95
49) Acenaphthylene	9.74	152	675051	42.514 ng		100
50) Dimethylphthalate	9.60	163	509655	42.237 ng		99
51) 2,6-Dinitrotoluene	9.66	165	97073	42.165 ng		92
52) Acenaphthene	9.92	154	416904	42.732 ng		99
53) 3-Nitroaniline	9.83	138	122973	42.623 ng	#	84
54) 2,4-Dinitrophenol	9.94	184	25299	36.511 ng		94
55) Dibenzofuran	10.09	168	595724	43.314 ng		99
56) 4-Nitrophenol	9.99	139	77541	39.197 ng		87
57) 2,4-Dinitrotoluene	10.06	165	127922	45.443 ng		98
58) Fluorene	10.43	166	477897	45.602 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	100479	46.693 ng		95
60) Diethylphthalate	10.29	149	500507	41.409 ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	209183	45.583 ng		97
62) 4-Nitroaniline	10.44	138	121498	43.394 ng		94
63) Azobenzene	10.57	77	513539	40.746 ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	38003	39.453 ng		78
66) n-Nitrosodiphenylamine	10.53	169	405442	43.027 ng		97
67) 4-Bromophenyl-phenylether	10.90	248	122367	44.222 ng		98
68) Hexachlorobenzene	10.98	284	130790	45.176 ng		96
69) Atrazine	11.06	200	111089	42.094 ng		98
70) Pentachlorophenol	11.17	266	62411	44.563 ng		98
71) Phenanthrene	11.39	178	659327	43.483 ng		100
72) Anthracene	11.44	178	667091	43.705 ng		99
73) Carbazole	11.59	167	627008	43.124 ng		98
74) Di-n-butylphthalate	11.92	149	771963	41.416 ng		100
75) Fluoranthene	12.57	202	652364	43.779 ng		98
77) Benzidine	12.69	184	265831	38.391 ng		99
78) Pyrene	12.80	202	655856	41.792 ng		99
80) Butylbenzylphthalate	13.41	149	305968	40.092 ng		95
81) Benzo(a)anthracene	13.99	228	495964	44.389 ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	153658	40.694 ng		97
83) Chrysene	14.02	228	478885	41.602 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	379874	40.324 ng		98
85) Di-n-octyl phthalate	14.57	149	593898	38.524 ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.91	276	372305	40.267 ng		97
88) Benzo(b)fluoranthene	15.03	252	381253	40.562 ng		100
89) Benzo(k)fluoranthene	15.06	252	383062	44.698 ng		99
90) Benzo(a)pyrene	15.39	252	343511	42.007 ng		98
91) Dibenzo(a,h)anthracene	16.92	278	302776	42.300 ng		98
92) Benzo(g,h,i)perylene	17.34	276	305525	41.852 ng		95

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

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