Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119646.D
Acq On : 30 Mar 2020 21:14
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 31 00:33:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	320367	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1124785	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	501461	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	776835	20.00	ng	0.00
76) Chrysene-d12	14.02	240	533218	20.00	ng	0.00
87) Perylene-d12	15.48	264	492356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1401941	69.66	ng	0.00
7) Phenol-d6	6.46	99	1799619	70.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	1554887	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	239207	46.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2740920	80.98	ng	0.00
79) Terphenyl-d14	12.96	244	2160241	79.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	366231	36.846	ng	97
3) Pyridine	3.29	79	986684	36.033	ng	91
4) n-Nitrosodimethylamine	3.25	42	441682	33.076	ng	93
6) Aniline	6.50	93	1363914	38.441	ng	97
8) 2-Chlorophenol	6.62	128	768112	36.340	ng	97
9) Benzaldehyde	6.38	77	607886	37.275	ng	98
10) Phenol	6.47	94	1038329	37.852	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	868417	39.583	ng	99
12) 1,3-Dichlorobenzene	6.77	146	899045	39.300	ng	97
13) 1,4-Dichlorobenzene	6.85	146	900021	39.333	ng	99
14) 1,2-Dichlorobenzene	7.01	146	828235	38.724	ng	98
15) Benzyl Alcohol	6.97	79	680471	35.188	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1552522	35.083	ng	98
17) 2-Methylphenol	7.09	107	700251	36.159	ng	98
18) Hexachloroethane	7.35	117	258827	30.866	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	564949	36.459	ng	98
20) 3+4-Methylphenols	7.24	107	795419	33.514	ng	93
22) Acetophenone	7.25	105	1017147	37.845	ng	95
24) Nitrobenzene	7.42	77	811383	36.685	ng	94
25) Isophorone	7.66	82	1523327	36.285	ng	99
26) 2-Nitrophenol	7.73	139	149866	17.209	ng	87
27) 2,4-Dimethylphenol	7.77	122	595948	33.095	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1003900	40.438	ng	98
29) 2,4-Dichlorophenol	7.97	162	504014	30.462	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	710233	38.815	ng	97
31) Naphthalene	8.15	128	2218018	38.319	ng	100
32) Benzoic acid	7.90	122	30505	2.634	ng	90
33) 4-Chloroaniline	8.19	127	996037	37.554	ng	96
34) Hexachlorobutadiene	8.26	225	412242	40.267	ng	98
35) Caprolactam	8.55	113	143994	26.592	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	512011	28.313	ng	99
37) 2-Methylnaphthalene	8.84	142	1435020	37.776	ng	97
38) 1-Methylnaphthalene	8.93	142	1324005	36.823	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	651845	44.349	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	67565	8.086	ng		94
43) 2,4,6-Trichlorophenol	9.12	196	287368	27.321	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	305784	25.951	ng		99
46) 1,1'-Biphenyl	9.30	154	1716457	42.027	ng		99
47) 2-Chloronaphthalene	9.33	162	1295227	40.487	ng		99
48) 2-Nitroaniline	9.42	65	416684	37.735	ng		93
49) Acenaphthylene	9.75	152	1937533	38.567	ng		98
50) Dimethylphthalate	9.60	163	1511812	42.444	ng		99
51) 2,6-Dinitrotoluene	9.66	165	244751	32.058	ng		99
52) Acenaphthene	9.92	154	1150600	36.738	ng		99
53) 3-Nitroaniline	9.83	138	405145	42.033	ng		95
54) 2,4-Dinitrophenol	9.93	184	1717	7.746	ng	#	1
55) Dibenzofuran	10.09	168	1708241	38.042	ng		99
56) 4-Nitrophenol	9.98	139	104471	13.740	ng		95
57) 2,4-Dinitrotoluene	10.06	165	267770	27.841	ng		94
58) Fluorene	10.43	166	1215446	36.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	168989	19.187	ng	#	96
60) Diethylphthalate	10.30	149	1467342	40.589	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	653589	40.250	ng		94
62) 4-Nitroaniline	10.45	138	372876	40.342	ng		94
63) Azobenzene	10.59	77	1304160	35.824	ng		94
66) n-Nitrosodiphenylamine	10.54	169	1150453	45.112	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	405386	45.821	ng		94
68) Hexachlorobenzene	10.98	284	388582	42.914	ng		94
69) Atrazine	11.07	200	214532	30.685	ng		99
70) Pentachlorophenol	11.17	266	65080	12.258	ng		97
71) Phenanthrene	11.40	178	1582747	39.293	ng		98
72) Anthracene	11.44	178	1611641	39.367	ng		99
73) Carbazole	11.60	167	1550622	38.266	ng		98
74) Di-n-butylphthalate	11.93	149	1957097	45.149	ng		100
75) Fluoranthene	12.59	202	1565691	35.916	ng		98
77) Benzidine	12.71	184	768604	34.060	ng		99
78) Pyrene	12.82	202	1596660	36.486	ng		98
80) Butylbenzylphthalate	13.44	149	726776	41.063	ng		96
81) Benzo(a)anthracene	14.00	228	1346755	38.840	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	559718	40.940	ng		99
83) Chrysene	14.04	228	1379516	38.550	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	946695	44.869	ng		97
85) Di-n-octyl phthalate	14.61	149	1699118	45.790	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1162973	34.507	ng		98
88) Benzo(b)fluoranthene	15.06	252	1325018	40.287	ng		99
89) Benzo(k)fluoranthene	15.09	252	1228415	39.225	ng		98
90) Benzo(a)pyrene	15.42	252	1160339	38.821	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	957280	36.617	ng		98
92) Benzo(g,h,i)perylene	17.39	276	912929	34.759	ng		96

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

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