Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
Data File : BF116260.D
Acq On : 14 Aug 2019 13:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
8/19/2019 10:41:45 AM

Quant Time: Aug 14 16:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168948	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	710087	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	378214	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	649459	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	359158	20.00	ng		-0.02
87) Perylene-d12	15.45	264	384184	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	844003	83.63	ng		-0.02
7) Phenol-d6	6.47	99	1060179	83.26	ng		-0.01
23) Nitrobenzene-d5	7.40	82	995662	80.94	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	303306	82.71	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	1593567	78.92	ng		-0.02
79) Terphenyl-d14	12.93	244	1734152	101.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	192658	37.788	ng		99
3) Pyridine	3.32	79	466880	32.782	ng		99
4) n-Nitrosodimethylamine	3.26	42	144147	25.647	ng	#	98
6) Aniline	6.49	93	686291	37.636	ng	#	81
8) 2-Chlorophenol	6.62	128	479038	42.925	ng		96
9) Benzaldehyde	6.38	77	334612	38.087	ng		99
10) Phenol	6.49	94	606369	40.440	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	499809	45.338	ng		99
12) 1,3-Dichlorobenzene	6.77	146	542004	42.024	ng		99
13) 1,4-Dichlorobenzene	6.85	146	541696	41.947	ng		99
14) 1,2-Dichlorobenzene	7.00	146	491684	41.350	ng		99
15) Benzyl Alcohol	6.98	79	388576	40.213	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	636258	42.314	ng		92
17) 2-Methylphenol	7.09	107	404538	42.810	ng		98
18) Hexachloroethane	7.33	117	206038	43.335	ng		100
19) n-Nitroso-di-n-propylamine	7.25	70	332884	42.189	ng		98
20) 3+4-Methylphenols	7.25	107	469651	41.999	ng		98
22) Acetophenone	7.24	105	628186	40.338	ng		99
24) Nitrobenzene	7.42	77	544869	41.020	ng		98
25) Isophorone	7.66	82	1021363	43.421	ng		100
26) 2-Nitrophenol	7.73	139	277111	44.258	ng		99
27) 2,4-Dimethylphenol	7.77	122	388486	41.240	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	628674	43.120	ng		100
29) 2,4-Dichlorophenol	7.97	162	428062	43.037	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	471707	41.605	ng		100
31) Naphthalene	8.13	128	1387657	41.528	ng		100
32) Benzoic acid	7.95	122	319665	48.132	ng		97
33) 4-Chloroaniline	8.18	127	560096	37.514	ng		100
34) Hexachlorobutadiene	8.25	225	271946	41.642	ng		98
35) Caprolactam	8.57	113	131289m	40.812	ng		
36) 4-Chloro-3-methylphenol	8.67	107	439358	42.461	ng		97
37) 2-Methylnaphthalene	8.82	142	897493	40.783	ng		99
38) 1-Methylnaphthalene	8.92	142	865516	41.573	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	423392	41.874	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
Data File : BF116260.D
Acq On : 14 Aug 2019 13:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/19/2019 10:41:45 AM

Quant Time: Aug 14 16:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	178913	42.419	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	276350	39.707	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	290596	40.393	ng		100
46) 1,1'-Biphenyl	9.29	154	1091579	40.880	ng		98
47) 2-Chloronaphthalene	9.31	162	902648	40.616	ng		99
48) 2-Nitroaniline	9.42	65	296407	40.351	ng		97
49) Acenaphthylene	9.73	152	1291945	39.847	ng		99
50) Dimethylphthalate	9.59	163	1080566	41.960	ng		100
51) 2,6-Dinitrotoluene	9.66	165	235027	41.996	ng		99
52) Acenaphthene	9.90	154	802219	40.331	ng		100
53) 3-Nitroaniline	9.83	138	271203	39.219	ng		99
54) 2,4-Dinitrophenol	9.95	184	99742	39.432	ng		99
55) Dibenzofuran	10.07	168	1101547	38.081	ng		97
56) 4-Nitrophenol	10.00	139	165447	37.349	ng		93
57) 2,4-Dinitrotoluene	10.06	165	275500	36.974	ng		90
58) Fluorene	10.42	166	893891	40.166	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238330	39.376	ng		98
60) Diethylphthalate	10.28	149	1040018	43.257	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	458368	40.667	ng		96
62) 4-Nitroaniline	10.45	138	252058	35.271	ng		95
63) Azobenzene	10.56	77	1032549	41.754	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	160236	46.557	ng		92
66) n-Nitrosodiphenylamine	10.52	169	828065	42.360	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	300344	43.200	ng		97
68) Hexachlorobenzene	10.97	284	335190	41.693	ng		97
69) Atrazine	11.05	200	230115	35.783	ng		98
70) Pentachlorophenol	11.16	266	162725	41.691	ng		99
71) Phenanthrene	11.37	178	1339913	40.357	ng		99
72) Anthracene	11.43	178	1355270	40.333	ng		99
73) Carbazole	11.58	167	1240978	40.708	ng		99
74) Di-n-butylphthalate	11.90	149	1570036	44.149	ng		99
75) Fluoranthene	12.56	202	1383772	39.811	ng		97
77) Benzidine	12.68	184	497861	41.031	ng		98
78) Pyrene	12.79	202	1391162	51.384	ng		99
80) Butylbenzylphthalate	13.40	149	658562	57.504	ng		99
81) Benzo(a)anthracene	13.98	228	1055490	45.979	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	403227	50.559	ng		98
83) Chrysene	14.02	228	1100494	49.379	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	901036	60.544	ng		98
85) Di-n-octyl phthalate	14.56	149	1358147	57.455	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	915282	48.897	ng		99
88) Benzo(b)fluoranthene	15.03	252	726643	32.711	ng		98
89) Benzo(k)fluoranthene	15.06	252	927771	42.880	ng		99
90) Benzo(a)pyrene	15.39	252	612117	30.825	ng	#	98
91) Dibenzo(a,h)anthracene	16.93	278	763582	44.423	ng		99
92) Benzo(g,h,i)perylene	17.36	276	774216	45.863	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
Data File : BF116260.D
Acq On : 14 Aug 2019 13:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 16:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/19/2019 10:41:45 AM