Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121426.D
Acq On : 25 Aug 2020 14:23
Operator : JU/CG
Sample : L3784-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:31 PM

Quant Time: Aug 25 15:15:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152130	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	618592	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	335723	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	670230	20.00	ng		0.00
76) Chrysene-d12	13.86	240	548811	20.00	ng		0.02
86) Perylene-d12	15.27	264	655323	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	817471	88.11	ng		0.02
7) Phenol-d6	6.35	99	966764	81.63	ng		0.01
23) Nitrobenzene-d5	7.27	82	677185	61.91	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	323683	82.74	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1186570	64.77	ng		0.00
79) Terphenyl-d14	12.80	244	1274436	45.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	151335	36.047	ng		99
3) Pyridine	3.06	79	380628	33.780	ng		100
4) n-Nitrosodimethylamine	3.02	42	188750	41.155	ng		99
6) Aniline	6.36	93	388966	28.442	ng	#	76
8) 2-Chlorophenol	6.49	128	419123	43.223	ng		99
9) Benzaldehyde	6.25	77	241331	36.220	ng		97
10) Phenol	6.36	94	476215	38.347	ng		99
11) bis(2-Chloroethyl)ether	6.43	93	392323	41.019	ng		99
12) 1,3-Dichlorobenzene	6.63	146	411438	37.872	ng		99
13) 1,4-Dichlorobenzene	6.72	146	418544	38.163	ng		98
14) 1,2-Dichlorobenzene	6.86	146	396034	37.918	ng		99
15) Benzyl Alcohol	6.85	79	331465	46.514	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	509296	36.165	ng		76
17) 2-Methylphenol	6.97	107	324770	40.591	ng	#	93
18) Hexachloroethane	7.20	117	154122	37.741	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	259695	40.770	ng		99
20) 3+4-Methylphenols	7.13	107	411564	53.447	ng	#	78
22) Acetophenone	7.11	105	544073	37.621	ng	#	94
24) Nitrobenzene	7.29	77	414199	37.156	ng		97
25) Isophorone	7.53	82	767019	38.534	ng		98
26) 2-Nitrophenol	7.60	139	230085	40.244	ng		94
27) 2,4-Dimethylphenol	7.65	122	362856	44.478	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	484134	35.730	ng		99
29) 2,4-Dichlorophenol	7.85	162	347691	39.036	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	360863	35.429	ng		99
31) Naphthalene	8.00	128	1119050	36.348	ng		99
32) Benzoic acid	7.80	122	223883	36.999	ng		99
33) 4-Chloroaniline	8.06	127	275552	20.212	ng		99
34) Hexachlorobutadiene	8.12	225	205204	34.043	ng		99
35) Caprolactam	8.44	113	121414m	41.622	ng		
36) 4-Chloro-3-methylphenol	8.56	107	361986	40.183	ng		99
37) 2-Methylnaphthalene	8.69	142	766644	38.419	ng		100
38) 1-Methylnaphthalene	8.79	142	711861	37.519	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	359559	36.085	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121426.D
Acq On : 25 Aug 2020 14:23
Operator : JU/CG
Sample : L3784-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:31 PM

Quant Time: Aug 25 15:15:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	257623	66.419	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	250824	36.821	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	269830	38.501	ng		98
46) 1,1'-Biphenyl	9.16	154	923000	36.681	ng		99
47) 2-Chloronaphthalene	9.18	162	722277	34.841	ng		99
48) 2-Nitroaniline	9.29	65	240048	36.777	ng		93
49) Acenaphthylene	9.60	152	1143968	37.152	ng		99
50) Dimethylphthalate	9.46	163	1030789	42.203	ng		100
51) 2,6-Dinitrotoluene	9.53	165	199783	38.300	ng		92
52) Acenaphthene	9.77	154	667244	35.664	ng		98
53) 3-Nitroaniline	9.70	138	146410	22.437	ng		98
54) 2,4-Dinitrophenol	9.82	184	210301	83.626	ng		97
55) Dibenzofuran	9.94	168	971104	40.076	ng		98
56) 4-Nitrophenol	9.89	139	291943	72.544	ng		98
57) 2,4-Dinitrotoluene	9.94	165	235457	37.000	ng	#	89
58) Fluorene	10.28	166	763878	43.249	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	235088	39.240	ng		99
60) Diethylphthalate	10.16	149	878516	36.834	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	366251	40.830	ng		98
62) 4-Nitroaniline	10.32	138	232010	34.700	ng		99
63) Azobenzene	10.43	77	817909	36.921	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	153666	42.871	ng		92
66) n-Nitrosodiphenylamine	10.40	169	751504	36.351	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	260329	35.016	ng		99
68) Hexachlorobenzene	10.83	284	291982	34.071	ng		93
69) Atrazine	10.93	200	217905	34.025	ng		100
70) Pentachlorophenol	11.03	266	309730	81.231	ng		99
71) Phenanthrene	11.24	178	1247557	35.965	ng		100
72) Anthracene	11.30	178	1242473	37.196	ng		99
73) Carbazole	11.45	167	1192432	37.405	ng		100
74) Di-n-butylphthalate	11.78	149	1387016	36.081	ng		100
75) Fluoranthene	12.43	202	1486561	39.483	ng		99
77) Benzidine	12.56	184	767091	50.733	ng		99
78) Pyrene	12.66	202	1506686	36.548	ng		99
80) Butylbenzylphthalate	13.27	149	631673	35.659	ng		98
81) Benzo(a)anthracene	13.85	228	1272835	37.341	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	408193	31.189	ng	#	98
83) Chrysene	13.89	228	1275937	36.599	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	770430	36.983	ng		99
85) Di-n-octyl phthalate	14.45	149	1512648	39.237	ng		99
87) Indeno(1,2,3-cd)pyrene	16.66	276	1546745	38.666	ng		99
88) Benzo(b)fluoranthene	14.87	252	1448148	34.206	ng		100
89) Benzo(k)fluoranthene	14.90	252	1308318	35.106	ng		100
90) Benzo(a)pyrene	15.22	252	1301952	35.591	ng		100
91) Dibenzo(a,h)anthracene	16.67	278	1220539	37.213	ng		98
92) Benzo(g,h,i)perylene	17.07	276	1327773	41.409	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121426.D
Acq On : 25 Aug 2020 14:23
Operator : JU/CG
Sample : L3784-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 25 15:15:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:31 PM